

**IN THE UNITED STATES DISTRICT COURT
FOR THE NORTHERN DISTRICT OF TEXAS
DALLAS DIVISION**

HERTL MEDIA, LLC,

Plaintiff,

vs.

AMAZON.COM, INC.,

Defendant.

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Case No:

PATENT CASE

COMPLAINT

Plaintiff Hertl Media, LLC (“Plaintiff” or “Hertl”) files this Complaint against Amazon.com, Inc. (“Defendant” or “Amazon”) for infringement of United States Patent No. 9,324,365 (hereinafter “the ‘365 Patent”).

PARTIES AND JURISDICTION

1. This is an action for patent infringement under Title 35 of the United States Code. Plaintiff is seeking injunctive relief as well as damages.

2. Jurisdiction is proper in this Court pursuant to 28 U.S.C. §§ 1331 (Federal Question) and 1338(a) (Patents) because this is a civil action for patent infringement arising under the United States patent statutes.

3. Plaintiff is a Texas limited liability company with its office address at 5900 S Lake Forest Dr Ste 300, McKinney, TX 75070.

4. On information and belief, Defendant is a Delaware corporation with its principal place of business located at 410 Terry Avenue North, Seattle, Washington 98109. Defendant can be served via its registered agent for service of process, Corporation Service Company, 251 Little

Falls Drive, Wilmington, DE.

5. This Court has personal jurisdiction over Defendant because Defendant has committed, and continues to commit, acts of infringement in this District, has conducted business in this District, and/or has engaged in continuous and systematic activities in this District.

6. On information and belief, Defendant's instrumentalities that are alleged herein to infringe were and continue to be used, imported, offered for sale, and/or sold in this District.

VENUE

7. Venue is proper in this District pursuant to 28 U.S.C. §1400(b) because acts of infringement are occurring in this District and Defendant has a regular and established place of business in this District. For instance, Defendant has regular and established places of business at 940 W Bethel Rd., Coppel, TX 75019 and at 700 Westport Parkway, Fort Worth, TX 76177. On information and belief, Defendant has additional regular and established places of business within this District.

COUNT I **(INFRINGEMENT OF UNITED STATES PATENT NO. 9,324,365)**

8. Plaintiff incorporates paragraphs 1 through 7 herein by reference.

9. This cause of action arises under the patent laws of the United States and, in particular, under 35 U.S.C. §§ 271, *et seq.*

10. Plaintiff is the owner by assignment of the '365 Patent with sole rights to enforce the '365 Patent and sue infringers.

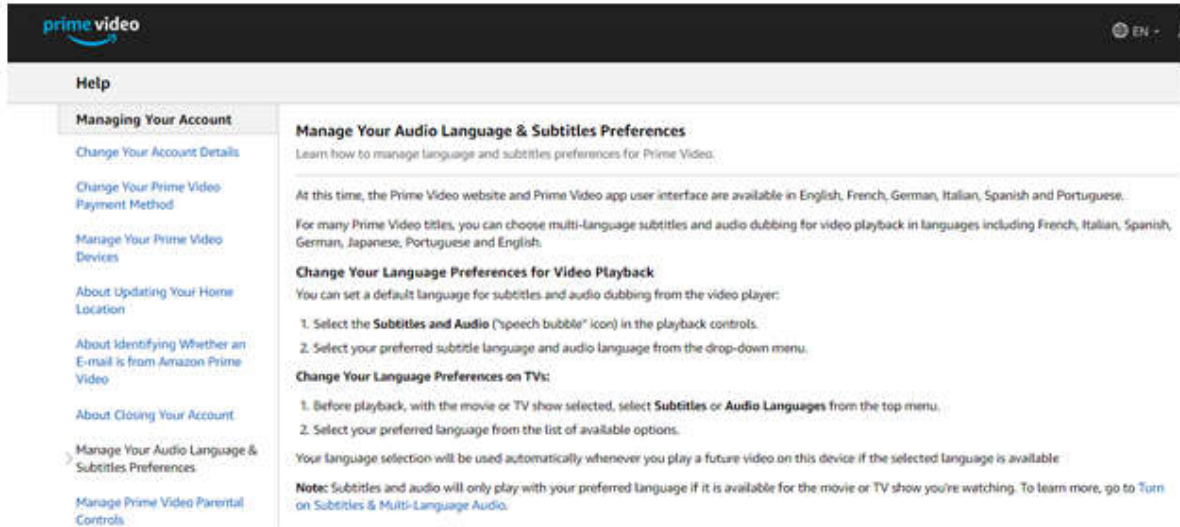
11. A copy of the '365 Patent, titled "Multi-Language Buffering During Media Playback," is attached hereto as Exhibit A.

12. The '365 Patent is valid, enforceable, and was duly issued in full compliance with Title 35 of the United States Code.

13. On information and belief, Defendant has infringed and continues to infringe one or more claims, including at least Claims 1, 2, 4, 6, 7, 8, 10, 11, 12, 13, and 15 of the '365 Patent by making, using, importing, selling, and/or offering for sale a data processor for processing a data stream including audio and video data, which is covered by at least Claims 1, 2, 4, 6, 7, 8, 10, 11, 12, 13, and 15 of the '365 Patent. Defendant has infringed and continues to infringe the '365 Patent directly in violation of 35 U.S.C. § 271.

14. Defendant, sells, offers to sell, and/or uses a data processor for processing a data stream including audio and video data including, without limitation, the processor(s) used in connection with Defendant's Prime Video service, and any similar products ("Product"), which infringes at least Claims 1, 2, 4, 6, 7, 8, 10, 11, 12, 13, and 15 of the '365 Patent.

15. The Product is a data processor for processing a data stream comprising audio and video data. For example, the Product is a streaming media, video-on-demand online services which streams media content on users' computers, TV and/or smartphones. Further, the Product includes an input buffer configured to buffer the data stream. For example, when users stream video content from the service (including but not limited to on-demand video content), the Product's video player buffers the data stream using an input buffer. Certain aspects of this element are illustrated in the screen shots below and/or in screen shots provided in connection with other allegations herein.



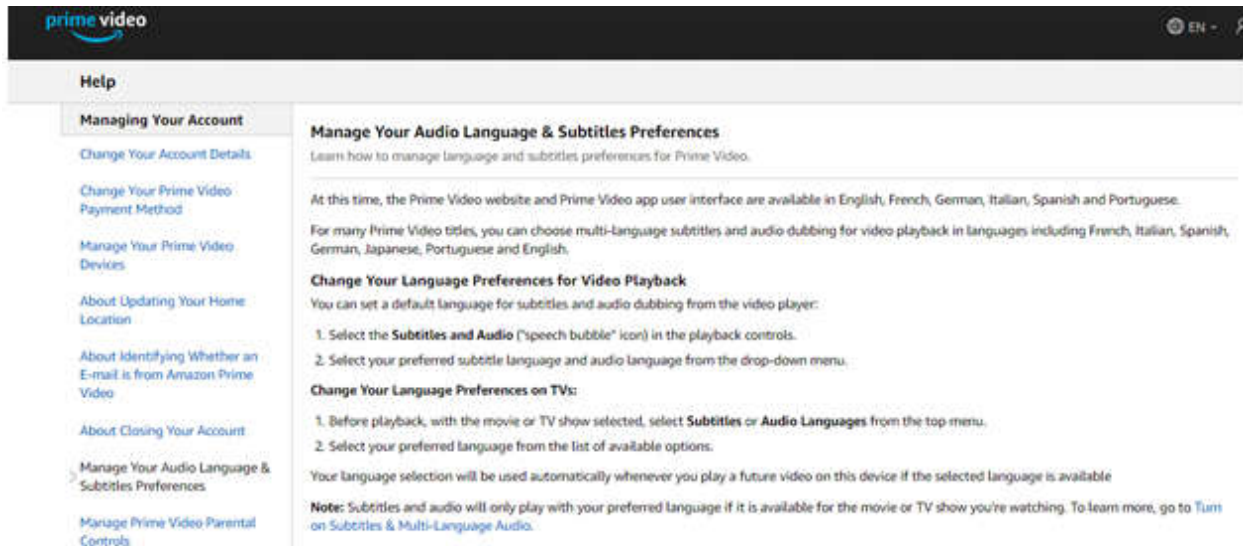
Source: <https://www.primevideo.com/region/us/help?nodeId=202065050>



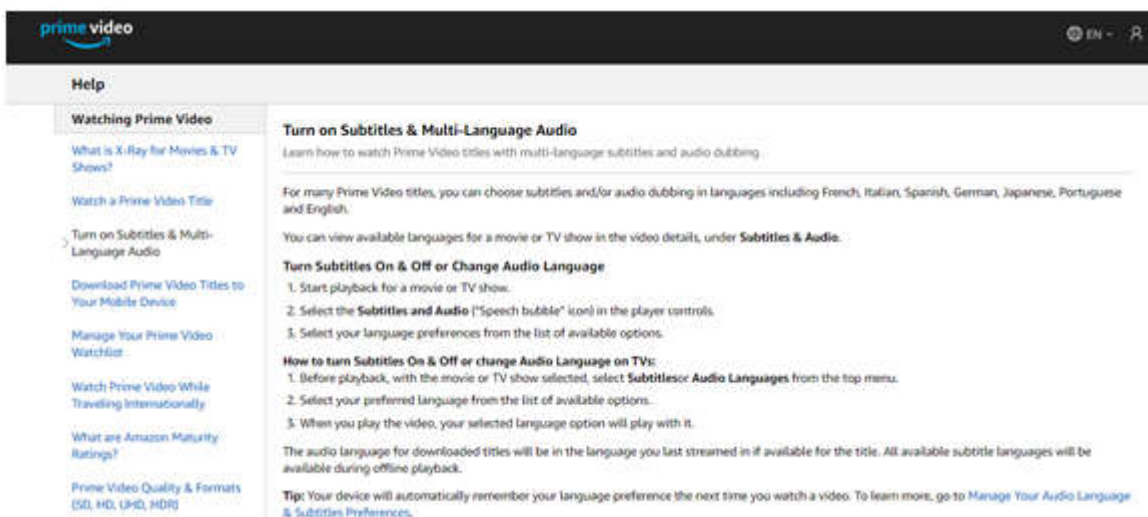
Source: https://www.primevideo.com/region/us/splash/watchAnywhere/ref=atv_nb_wa

16. The Product provides a data stream analyzer programmed and configured to analyze the data stream to find information on a plurality of language-specific contents in different languages. For example, the service includes “Multi-Language” support, wherein the Product allows users to switch between different audio languages. On information and belief, for videos that contain multiple language audio tracks, the Product’s video player analyzes the data stream to find information such as language name and packet data related to the plurality of language-specific audio tracks. Further, the Product also allows users to switch subtitles in one

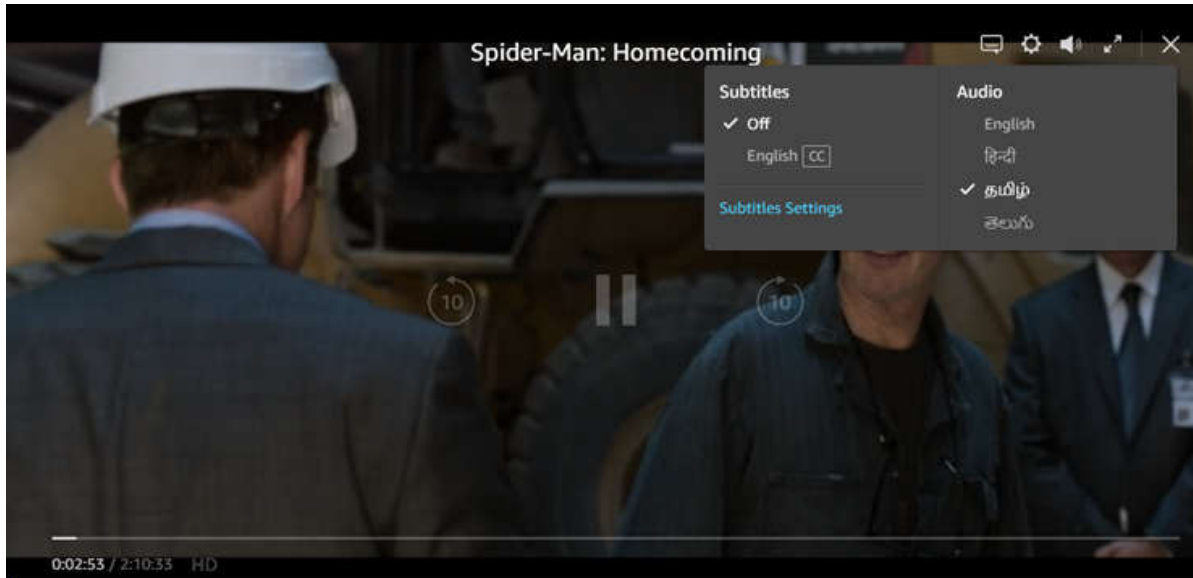
language to subtitles in a different language. On information and belief, for videos that contain multiple language subtitles, the Product's video player analyzes the data stream to find information such as subtitles and the timestamps at which the language-specific subtitles are to be displayed. Certain aspects of this element are illustrated in the screen shots below and/or in screen shots provided in connection with other allegations herein.



Source: <https://www.primevideo.com/region/us/help?nodeId=202065050>



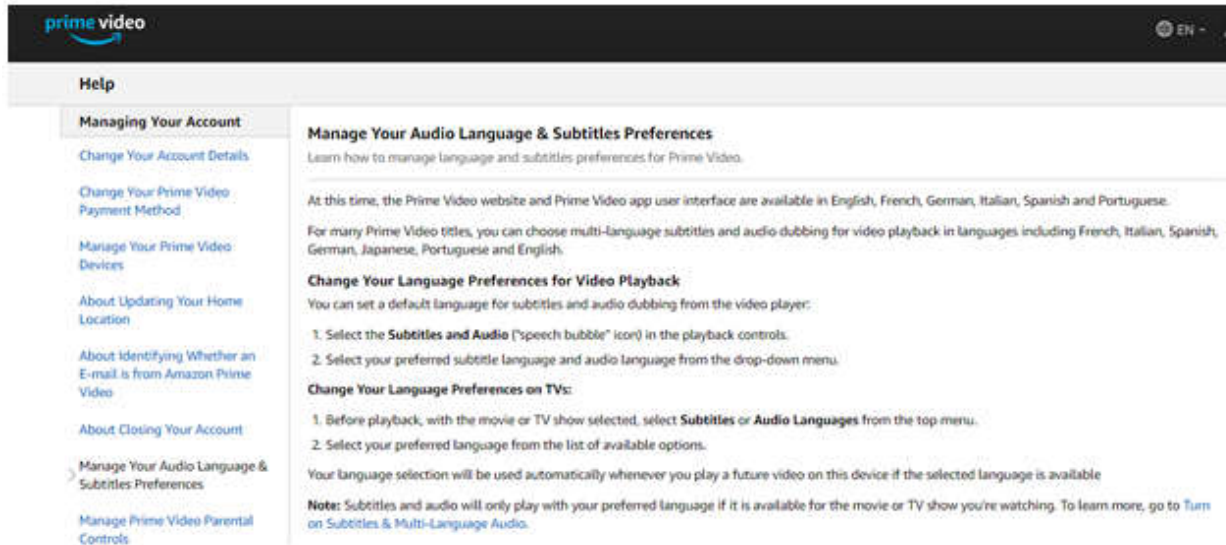
Source: https://www.primevideo.com/region/us/help/ref=atv_hp_nd_cnt?nodeId=202065130



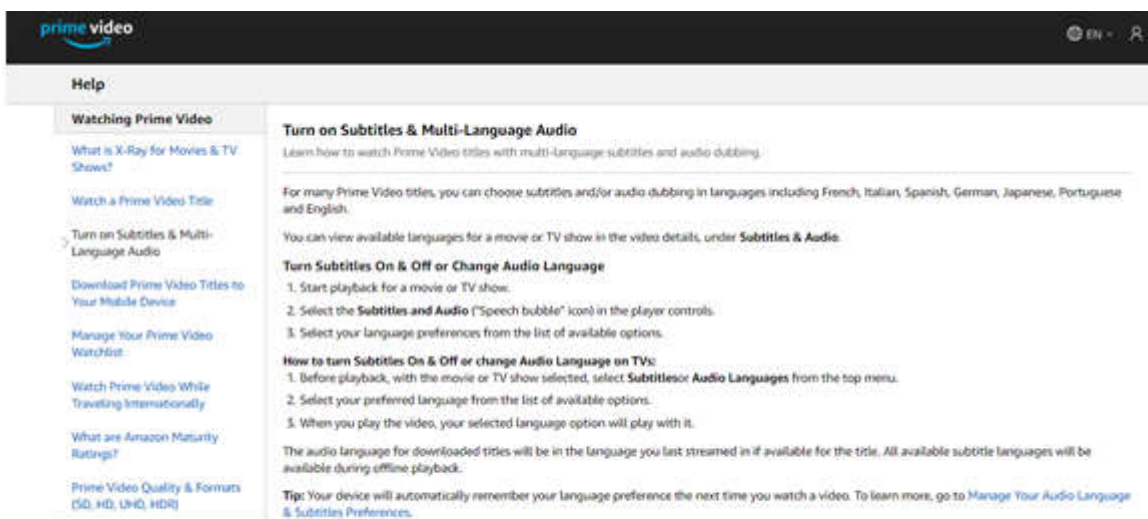
Source:

https://www.primevideo.com/region/us/detail/0MRVSUJ8GRFOWWI7QY8R0QQ12M/ref=sr_hom_c_unkc_1_1?sr=1-1&qid=1524735108

17. In addition the Product provides a queuing buffer configured to queue a plurality of parallel queues, each queue including only references to language-specific contents in the same distinct language, wherein the reference point to input buffer items in the input buffer. For example, when a user streams a video that contains multiple audio tracks, the Product uses a queuing buffer to queue each of the audio language tracks in a respective parallel queue. The language-specific queues are parallel since the Product allows a user to switch between languages even while a video is playing, in which case the video does not restart but simply continues in the new language. Further, when a user streams a video that contains subtitles in multiple languages, the Product uses a queuing buffer to queue subtitles corresponding to each of the languages in a respective parallel queue. The language-specific queues are parallel since the Product allows a user to switch between languages even while the video is playing – in which case the video does not restart but simply continues displaying subtitles in the new language. Certain aspects of this element are illustrated in the screen shots below and/or in screen shots provided in connection with other allegations herein.



Source: <https://www.primevideo.com/region/us/help?nodeId=202065050>



Source: https://www.primevideo.com/region/us/help/ref=atv_hp_nd_cnt?nodeId=202065130

18. The Product provides a feeder programmed and configured to extract the references to language-specific contents from a selected queue in accordance with a language selection signal and to feed the extracted references to the language-specific contents to subsequent data processing stages, wherein the references to the language-specific contents in a non-selected queue are not fed to the subsequent data processing stages. For example, the Product extracts packet data related to the language-specific audio tracks from the selected queue (i.e., according to the language

selected by the user) and feeds the buffered packets for playback in synchronization with the video content. Since only one language audio track is playable at any given time, the packet data related to languages not selected by the user are not fed for playback. Further, the Product extracts packet data related to the language-specific subtitles from the selected queue (i.e., according to the language selected by the user) and feeds the buffered packets for playback in synchronization with the video content. Since only one language for subtitles is selectable at any given time, the packet data related to languages not selected by the user are not fed for playback. Certain elements of this limitation are illustrated in the screenshots referenced in connection with other elements herein.

19. The Product provides the claimed data processor for processing a data stream comprising audio and video data wherein at least one of the input buffer, the data stream analyzer, the queuing buffer, and the feeder comprises a hardware implementation. For example, the input buffer, the data stream analyzer, the queuing buffer, and the feeder are implemented in hardware such as computers, TV and/or smartphones.

20. Regarding Claim 2, the Product provides the data processor according to Claim 1, wherein the data stream originates from one of an optical disk, a magnetic disk, a hard drive, a network, a Digital Versatile Disk, and a Blu-ray disk. For example, the data stream provided by the Product from at least a network (such as the Amazon Prime Video head-end in its Amazon Prime Video connected via the Internet).

21. Regarding, Claim 4, the Product provides the data processor according to Claim 1, further comprising a data stream decrypter upstream of the data stream analyzer. On information and belief, the Product encrypts its video content before it is delivered to the user computer, TV and/or smartphone in order to prevent unauthorized access to the content.

Accordingly, the Product's video player includes a data stream decrypter which decrypts the packet data received from Amazon before the data analyzer analyzes the data stream to determine language-specific information in the data stream.

22. Regarding Claim 10, the Product provides the data processor according to claim 1, wherein the language-specific content is one of an audio stream, a subtitle, a presentation graphic, an interactive graphic, and a credits section of an audio and video presentation. For example, in the case of Amazon Prime Video, the language-specific content is an audio stream and/or a subtitle.

23. Regarding Claim 11, the Product performs and induces others to perform a method for processing a data stream comprising audio and video data. For example, the Product provides video-on-demand online services which streams media content on users' computers, TV and/or smartphones. Further, the Product provides an input buffer configured to buffer the data stream. For example, when users stream video content from the Product's video service (including but not limited to on-demand video content), the Product's video player buffers the data stream using an input buffer.

The Product performs and induces others to perform the step of analyzing the data stream to find information on a plurality of language-specific contents in different languages. For example, the Product's video service includes "Multi-Language" support, which allows users to switch between different audio languages. On information and belief, for videos which contain multiple language audio tracks, the Product's video player analyzes the data stream to find information such as language name and packet data related to the plurality of language-specific audio tracks. Further, the Product also allows users to switch subtitles in one language to subtitles in a different language. On information and belief, for videos which contain multiple

language subtitles, the Product's video player analyzes the data stream to find information such as subtitles and the timestamps at which the language-specific subtitles are to be displayed.

The Product performs and induces others to perform the step of appending information regarding a particular language-specific content to a queue of a plurality of parallel queues, the information in each queue including only references to language-specific content in the same language, the information regarding the particular language-specific content being appended to a parallel queue of the same distinct language, wherein the references point to input buffer items in the input buffer. For example, when users stream a video that contains multiple audio tracks, the Product's video player uses a queuing buffer to queue each of the audio language tracks in a respective parallel queue. The language-specific queues are parallel since the Product allows users to switch between languages even while the video is playing, in which case the video does not restart but simply continues in the new language. Further, when users stream a video that contains subtitles in multiple languages, the Product's video player uses a queuing buffer to queue subtitles corresponding to each of the languages in a respective parallel queue. The language-specific queues are parallel since the Product allows users to switch between languages even while the video is playing, in which case the video does not restart but simply continues displaying subtitles in the new language.

The Product performs and induces others to perform the step of retrieving the references to the language-specific content from a parallel queue selected in accordance with a currently valid language selection signal. For example, the Product's video player extracts packet data related to the language-specific audio tracks from the selected queue (i.e., according to the language selected by the user) and feeds the buffered packets for playback in synchronization with the video content. Since only one language audio track is playable at any given time, the

packet data related to languages not selected by the user are not fed for playback. Further, the Product's video player extracts packet data related to the language-specific subtitles from the selected queue (i.e., according to the language selected by the user) and feeds the buffered packets for playback in synchronization with the video content. Since only one language for subtitles is selectable at any given time, the packet data related to languages not selected by the user are not fed for playback.

The Product performs and induces others to perform the step of feeding the retrieved references to the language-specific content to a subsequent processing stage, wherein the references to the language-specific content of a non-selected parallel queue are not fed to the subsequent processing stage. For example, the Product's video player extracts packet data related to the language-specific audio tracks from the selected queue (i.e., according to the language selected by the user) and feeds the buffered packets for playback in synchronization with the video content. Since only one language audio track is playable at any given time, the packet data related to languages not selected by the user are not fed for playback. Further, the Product's video player extracts packet data related to the language-specific subtitles from the selected queue (i.e., according to the language selected by the user) and feeds the buffered packets for playback in synchronization with the video content. Since only one language for subtitles is selectable at any given time, the packet data related to languages not selected by the user are not fed for playback.

Certain elements of this Claim are illustrated in the screen shots below and/or in screen shots provided in connection with other allegations herein. Certain elements of this Claim are also discussed above in connection with the allegations concerning Claim 1.

prime video EN

Help

Managing Your Account

- Change Your Account Details
- Change Your Prime Video Payment Method
- Manage Your Prime Video Devices
- About Updating Your Home Location
- About Identifying Whether an E-mail is from Amazon Prime Video
- About Closing Your Account
- Manage Your Audio Language & Subtitles Preferences**
- Manage Prime Video Parental Controls

Manage Your Audio Language & Subtitles Preferences
Learn how to manage language and subtitles preferences for Prime Video.

At this time, the Prime Video website and Prime Video app user interface are available in English, French, German, Italian, Spanish and Portuguese.

For many Prime Video titles, you can choose multi-language subtitles and audio dubbing for video playback in languages including French, Italian, Spanish, German, Japanese, Portuguese and English.

Change Your Language Preferences for Video Playback
You can set a default language for subtitles and audio dubbing from the video player:

1. Select the **Subtitles and Audio** ("speech bubble" icon) in the playback controls.
2. Select your preferred subtitle language and audio language from the drop-down menu.

Change Your Language Preferences on TVs:

1. Before playback, with the movie or TV show selected, select **Subtitles** or **Audio Languages** from the top menu.
2. Select your preferred language from the list of available options.

Your language selection will be used automatically whenever you play a future video on this device if the selected language is available

Note: Subtitles and audio will only play with your preferred language if it is available for the movie or TV show you're watching. To learn more, go to [Turn on Subtitles & Multi-Language Audio](#).

Source: <https://www.primevideo.com/region/us/help?nodeId=202065050>

prime video EN

Help

Watching Prime Video

- What is X-Ray for Movies & TV Shows?
- Watch a Prime Video Title
- Turn on Subtitles & Multi-Language Audio**
- Download Prime Video Titles to Your Mobile Device
- Manage Your Prime Video Watchlist
- Watch Prime Video While Traveling Internationally
- What are Amazon Maturity Ratings?
- Prime Video Quality & Formats (SD, HD, UHD, HDR)

Turn on Subtitles & Multi-Language Audio
Learn how to watch Prime Video titles with multi-language subtitles and audio dubbing.

For many Prime Video titles, you can choose subtitles and/or audio dubbing in languages including French, Italian, Spanish, German, Japanese, Portuguese and English.

You can view available languages for a movie or TV show in the video details, under **Subtitles & Audio**.

Turn Subtitles On & Off or Change Audio Language

1. Start playback for a movie or TV show.
2. Select the **Subtitles and Audio** ("Speech bubble" icon) in the player controls.
3. Select your language preferences from the list of available options.

How to turn Subtitles On & Off or change Audio Language on TVs:

1. Before playback, with the movie or TV show selected, select **Subtitles** or **Audio Languages** from the top menu.
2. Select your preferred language from the list of available options.
3. When you play the video, your selected language option will play with it.

The audio language for downloaded titles will be in the language you last streamed in if available for the title. All available subtitle languages will be available during offline playback.

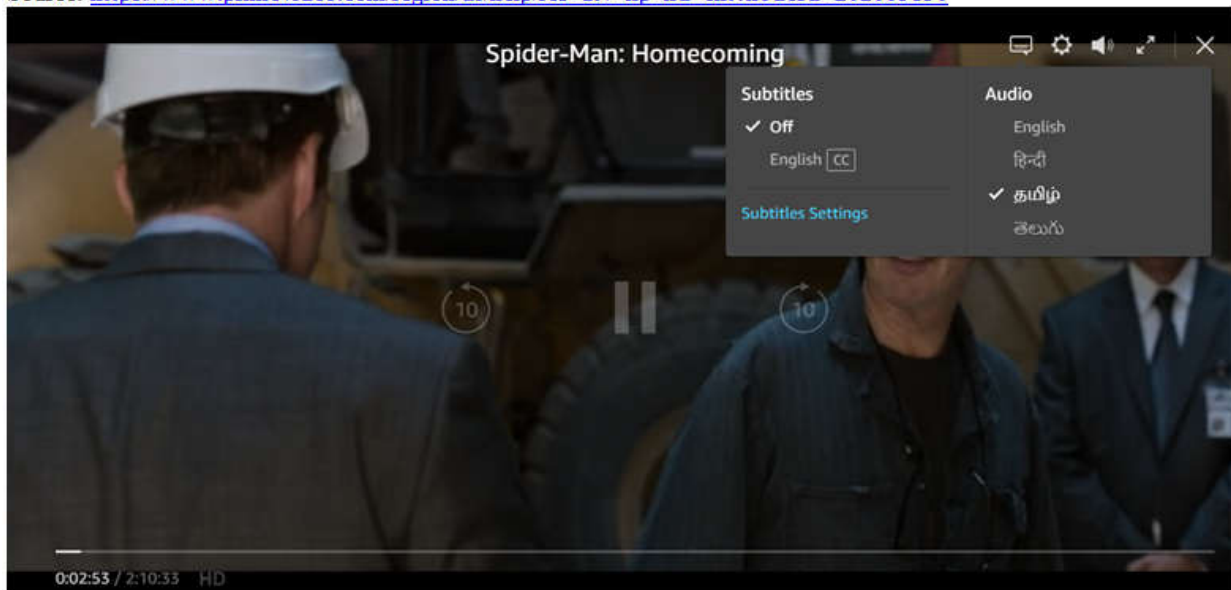
Tip: Your device will automatically remember your language preference the next time you watch a video. To learn more, go to [Manage Your Audio Language & Subtitles Preferences](#).

Source: https://www.primevideo.com/region/us/help/ref=atv_hp_nd_cnt?nodeId=202065130



Source: https://www.primevideo.com/region/us/splash/watchAnywhere/ref=atv_nb_wa

Source: https://www.primevideo.com/region/us/help/ref=atv_hp_nd_cnt?nodeId=202065130



Source: https://www.primevideo.com/region/us/detail/0MRVSUJ8GRFOWWI7QY8R0QQ12M/ref=sr_hom_c_unkc_1_1?sr=1-1&qid=1524735108

24. Regarding Claim 15, the Product provides a non-transitory computer readable digital storage medium comprising stored thereon a computer program code for performing, when running on a computer, a method for processing a data stream comprising audio and video data. The Product includes processors and other hardware, as well as software, for performing the functionality recited in Claim 15. The functionality itself is discussed above in connection with Claims 1 and 11 and is illustrated in the screen shots provided in connection with those

claims and/or other allegations herein.

25. Defendant's actions complained of herein will continue unless Defendant is enjoined by this court.

26. Defendant's actions complained of herein are causing irreparable harm and monetary damage to Plaintiff and will continue to do so unless and until Defendant is enjoined and restrained by this Court.

27. Plaintiff is in compliance with 35 U.S.C. § 287.

PRAYER FOR RELIEF

WHEREFORE, Plaintiff asks the Court to:

(a) Enter judgment for Plaintiff on this Complaint on all causes of action asserted herein;

(b) Enter an Order enjoining Defendant, its agents, officers, servants, employees, attorneys, and all persons in active concert or participation with Defendant who receive notice of the order from further infringement of United States Patent No. 7,069,546 (or, in the alternative, awarding Plaintiff a running royalty from the time of judgment going forward);

(c) Award Plaintiff damages resulting from Defendant's infringement in accordance with 35 U.S.C. § 284;

(d) Award Plaintiff pre-judgment and post-judgment interest and costs; and

(e) Award Plaintiff such further relief to which the Court finds Plaintiff entitled under law or equity.

Dated: June 22, 2018

Respectfully submitted,

/s/ Jay Johnson

JAY JOHNSON

State Bar No. 24067322

D. BRADLEY KIZZIA

State Bar No. 11547550

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ATTORNEYS FOR PLAINTIFF

EXHIBIT A