

U.S. Patent No. 10,419,805 - Claim Comparison Chart
(Limitation Numbers from Petition Added)

Claim 1	Claim 10	Claim 17
[1.0] A method of providing content for a television (TV), the method comprising:	[10.0] A data service system in a Television (TV), the system comprising:	[17.0] A computer program product for providing content for a Television (TV),
		[17.1.1] the computer program product comprising a non-transitory computer-readable storage medium having computer-readable program code embodied therewith,
	[10.1] a processor; and	
	[10.2] a computer-readable storage medium storing computer-readable instructions, which when executed by the processor, cause the processor to perform:	[17.1.2] the computer-readable program code configured when executed by a processor to:
[1.1.1] receiving, by a processor, data relevant to one or more scheduled events from one of a corresponding subservice of a plurality of subservices,	[10.3.1] receiving data relevant to one or more scheduled events from one of a corresponding subservice of a plurality of subservices,	[17.2.1] receive data relevant to one or more scheduled events from one of a corresponding subservice of a plurality of subservices,
[1.1.2] wherein the plurality of subservices comprises a video-on-demand (VOD) subservice, an electronic programming guide	[10.3.2] wherein the plurality of subservices comprises a video-on-demand (VOD) subservice, an electronic programming guide	[17.2.2] wherein the plurality of subservices comprises a video-on-demand (VOD) subservice, an electronic programming guide

(EPG) subservice, and a media subservice	(EPG) subservice, and a media subservice;	(EPG) subservice, and a media subservice;
[1.2.1] organizing, by the processor, the data according to a pre-defined format corresponding to each of the plurality of subservices,	[10.4.1] organizing the data according to a pre-defined format corresponding to each of the plurality of subservices,	[17.3.1] organize the data according to a pre-defined format corresponding to each of the plurality of subservices,
[1.2.2] wherein the pre-defined format comprises one of a VOD data model, an EPG data model and a media data model,	[10.4.2] wherein the pre-defined format comprises one of a VOD data model, an EPG data model, and a media data model,	[17.3.2] wherein the pre-defined format comprises one of a VOD data model, an EPG data model, and a media data model,
[1.2.3] wherein organizing the data according to the pre-defined format comprises converting the data received from the subservice into the pre-defined format of the corresponding data model and	[10.4.3] wherein organizing the data according to the pre-defined format comprises converting the data received from the subservice into the pre-defined format of the corresponding data model, and	[17.3.3] wherein organizing the data according to the pre-defined format comprises converting the data received from the subservice into the pre-defined format of the corresponding data model, and
[1.2.4] wherein each of the VOD data model, EPG data model, and media data model provide a uniform format for the plurality of subservices; and	[10.4.4] wherein each of the VOD data model, EPG data model, and media data model provide a uniform format for the plurality of subservices; and	[17.3.4] wherein each of the VOD data model, EPG data model, and media data model provide a uniform format for the plurality of subservices; and
[1.3] providing, by the processor, the organized data to one or more of a plurality of content provider modules of the TV.	[10.5] providing the organized data to one or more of a plurality of content provider modules of the TV.	[17.4] provide the organized data to one or more of a plurality of content provider modules of the TV.
Claim 2	Claim 11	Claim 18
[2.0] The method of claim 1, wherein the plurality of content	[11.0] The data service system of claim 10, wherein the plurality of	[18.0] The intelligent TV of claim 17, wherein the plurality of content

provider modules comprises an EPG data provider, a media data provider, a media browser, a media scanner, and a thumbnail engine.	content provider modules comprises an EPG data provider, a media data provider, a media browser, a media scanner, and/or thumbnail engine.	provider modules comprises an EPG data provider, a media data provider, a media browser, a media scanner, and/or thumbnail engine.
Claim 3	Claim 12	
[3.0] The method of claim 2, wherein the EPG data provider is configured to serve one or more applications of the TV with EPG information in a read-only format.	[12.0] The data service system of claim 11, wherein the EPG data provider is configured to serve one or more applications of the TV with EPG information in a read-only format.	
Claim 4	Claim 13	
[4.0] The method of claim 2, wherein the media data provider is configured to provide media metadata personalized for a user.	[13.0] The data service system of claim 11, wherein the media data provider is configured to provide media metadata personalized for a user.	
Claim 5		
[5.0] The method of claim 4, wherein the media data provider is further configured to store the media metadata in an SQLite database.		
Claim 6	Claim 14	
[6.0] The method of claim 2, wherein the media browser is configured to provide a real-time view of media sources of the TV	[14.0] The data service system of claim 11, wherein the media browser is configured to provide a real-time view of media sources of	

and maintain a list of connected media sources of the TV.	the TV and maintain a list of connected media sources of the TV.	
Claim 7		
[7.0] The method of claim 6, wherein the media browser maintains a non-permanent storage.		
Claim 8	Claim 15	
[8.0] The method of claim 6, wherein the media scanner is configured to populate a media table using data retrieved by the media browser and rescan for new media periodically.	[15.0] The data service system of claim 11, wherein the media scanner is configured to populate a media table using data retrieved by the media browser and rescan for new media periodically.	
Claim 9	Claim 16	
[9.0] The method of claim 2, wherein the thumbnail engine is configured to provide thumbnails for media, applications, or other contents.	[16.0] The data service system of claim 11, wherein the thumbnail engine is configured to provide thumbnails for media, applications, or other contents.	