

Title (en)
INTERACTIVE TELEVISION SYSTEM AND METHOD FOR SIMULTANEOUS TRANSMISSION AND RENDERING OF MULTIPLE MPEG-ENCODED VIDEO STREAMS

Title (de)
INTERAKTIVES FERNSEHSYSTEM UND VERFAHREN ZUM GLEICHZEITIGEN SENDEN UND WIEDERGEHEN MEHRERER MPEG-CODierter VIDEOSTRÖME

Title (fr)
SYSTEME ET PROCEDE DE TRANSMISSION ET DE RENDU SIMULTANES DE MULTIPLES SUITES D'IMAGES VIDEO CONTINUES CODEES SELON LA NORME MPEG DANS UNE APPLICATION DE TELEVISION INTERACTIVE

Publication
EP 1281280 A4 20030604 (EN)

Application
EP 01947009 A 20010110

Priority

- US 0100959 W 20010110
- US 49406700 A 20000128
- US 49418400 A 20000128

Abstract (en)
[origin: WO0156293A1] A system and method for the simultaneous transmission and rendition of multiple MPEG-encoded digital video signal streams in an interactive television application is disclosed. Simultaneous transmission and rendition of multiple MPEG-encoded digital video signal streams in an interactive television application generally comprises determining a value for a display position code corresponding to a display position of each slice of each of the MPEG-encoded video streams, modifying the value of the display position code of each slice of each of the MPEG-encoded video streams as necessary (334), and interleaving each slice of each of the MPEG-encoded video streams as modified into a single composite video stream (336). The modifying preferably maintains bit-alignment of the display position code within a byte. The MPEG-encoded video streams are optionally MPEG-1 or MPEG-2 encoded video streams and the display position code is optionally a macroblock address increment variable length codeword and/or at least a byte of a slice startcode.

IPC 1-7
H04N 7/173; **H04N 5/445**; **H04N 9/74**; **H04N 7/58**; **H04N 5/00**

IPC 8 full level
G06T 9/00 (2006.01); **H04H 1/00** (2006.01); **H04J 3/00** (2006.01); **H04N 5/00** (2006.01); **H04N 5/44** (2006.01); **H04N 5/445** (2006.01); **H04N 7/08** (2006.01); **H04N 7/081** (2006.01); **H04N 7/173** (2006.01); **H04N 7/24** (2006.01); **H04N 7/26** (2006.01); **H04N 7/50** (2006.01); **H04N 7/58** (2006.01); **H04N 5/45** (2011.01)

CPC (source: EP)
H04N 7/17336 (2013.01); **H04N 19/00** (2013.01); **H04N 21/235** (2013.01); **H04N 21/2365** (2013.01); **H04N 21/25825** (2013.01); **H04N 21/4347** (2013.01); **H04N 21/435** (2013.01); **H04N 21/44012** (2013.01); **H04N 21/4622** (2013.01); **H04N 21/8166** (2013.01); **H04N 5/45** (2013.01); **H04N 19/70** (2014.11)

Citation (search report)

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- See references of WO 0156293A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0156293 A1 20010802; AU 2638801 A 20010807; AU 2938201 A 20010807; AU 773588 B2 20040527; AU 777694 B2 20041028; BR 0107872 A 20021105; BR 0107875 A 20021105; BR PI0107872 B1 20151027; BR PI0107875 B1 20150908; CA 2397529 A1 20010802; CA 2397645 A1 20010802; CA 2397645 C 20050816; CN 1173570 C 20041027; CN 1193611 C 20050316; CN 1397135 A 20030212; CN 1397136 A 20030212; DK 1262068 T3 20160111; EP 1262068 A1 20021204; EP 1262068 A4 20030604; EP 1262068 B1 20150930; EP 1262068 B8 20151104; EP 1281280 A1 20030205; EP 1281280 A4 20030604; ES 2555953 T3 20160111; HK 1053564 A1 20031024; JP 2003521176 A 20030708; JP 2003521177 A 20030708; JP 4084941 B2 20080430; JP 4188599 B2 20081126; PT 1262068 E 20151228; WO 0156292 A1 20010802

DOCDB simple family (application)
US 0100959 W 20010110; AU 2638801 A 20010110; AU 2938201 A 20010110; BR 0107872 A 20010110; BR 0107875 A 20010110; CA 2397529 A 20010110; CA 2397645 A 20010110; CN 01804238 A 20010110; CN 01804244 A 20010110; DK 01900989 T 20010110; EP 01900989 A 20010110; EP 01947009 A 20010110; ES 01900989 T 20010110; HK 03105716 A 20030809; JP 2001554620 A 20010110; JP 2001554621 A 20010110; PT 01900989 T 20010110; US 0100830 W 20010110