

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

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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.

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