

Title (en)  
SYSTEM AND METHOD FOR LOSSLESS REDUCTION OF BANDWIDTH OF A DATA STREAM TRANSMITTED VIA A DIGITAL MULTIMEDIA LINK

Title (de)  
SYSTEM UND VERFAHREN ZUR VERLUSTLOSEN VERMINDERUNG DER BANDBREITE EINES DATENSTROMES DER ÜBER EINE DIGITALE MULTIMEDIENVERBINDUNG ÜBERTRAGEN WIRD

Title (fr)  
SYSTEME ET PROCEDE PERMETTANT DE REALISER UNE REDUCTION SANS PERTE DE LA LARGEUR DE BANDE D'UN FLUX DE DONNEES TRANSMIS VIA UN LIEN MULTIMEDIA NUMERIQUE

Publication  
**EP 1665790 A1 20060607 (EN)**

Application  
**EP 03757881 A 20030922**

Priority  
EP 0310523 W 20030922

Abstract (en)  
[origin: WO2005029857A1] There is provided a system for lossless reduction of bandwidth of a data stream transmitted via a digital multimedia link, comprising coding means for coding at least one control signal such that at least one control word is generated each time said at least one control signal changes, multiplexer means for multiplexing payload data and said at least one control word such that there is provided said data stream comprising said payload data if no blanking period of said payload data is present and said at least one control word if said blanking period of said payload data is present, data transmission means for transmitting said data stream, demultiplexer means for receiving said data stream transmitted by said data transmission means for demultiplexing said payload data and said at least one control word from said data stream such that said payload data and said control word are separated from each other, and decoding means for decoding said at least one control word such that said at least one control signal is recovered. Furthermore, there is provided a method which uses such system.

IPC 1-7  
**H04N 7/12**; **H04N 7/52**

IPC 8 full level  
**G09G 5/00** (2006.01); **H04N 7/12** (2006.01); **H04N 7/52** (2011.01)

CPC (source: EP)  
**G09G 5/006** (2013.01); **H04N 7/122** (2013.01); **H04N 21/23602** (2013.01); **H04N 21/4342** (2013.01)

Citation (search report)  
See references of WO 2005029857A1

Citation (examination)  
• EP 1241884 A2 20020918 - SONY CORP [JP]  
• US 5974464 A 19991026 - SHIN YESHIK [KR], et al

Designated contracting state (EPC)  
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