

Title (en)  
PARTIAL DECODING OF COMPRESSED VIDEO SEQUENCES

Title (de)  
PARTIELLES DEKODIEREN VON KOMPRIMIERTEN VIDEOSEQUENZEN

Title (fr)  
DECODAGE PARTIEL DE SEQUENCES VIDEO COMPRIEES

Publication  
**EP 1048174 A4 20040407 (EN)**

Application  
**EP 98964199 A 19981222**

Priority

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- US 10574698 A 19980626

Abstract (en)  
[origin: WO9933275A1] Compressed video sequences generated using a (e.g., DCT) transform are partially decoded (202) to recover (204) the low-frequency transform coefficients (e.g., only the DC coefficients) from the encoded bitstream. The low-frequency coefficients are then used to generate blocks of image data that are subjected to motion-compensated inter-frame addition (206) to generate partially decoded images that can be used for subsequent processing, such as histogram analysis (208) for video parsing. The present invention avoids having to perform the computationally expensive inverse transform operations, while still achieving satisfactory results.

IPC 1-7  
**H04N 5/14**; **H04N 7/50**; **H04N 7/46**

IPC 8 full level  
**H04N 5/14** (2006.01); **H04N 7/26** (2006.01); **H04N 7/30** (2006.01); **H04N 7/32** (2006.01); **H04N 7/46** (2006.01); **G11B 27/28** (2006.01)

CPC (source: EP KR)  
**H04N 5/147** (2013.01 - EP); **H04N 19/142** (2014.11 - EP); **H04N 19/179** (2014.11 - EP); **H04N 19/23** (2014.11 - KR); **H04N 19/59** (2014.11 - EP); **H04N 19/60** (2014.11 - EP); **H04N 19/87** (2014.11 - EP); **G11B 27/28** (2013.01 - EP)

Citation (search report)

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- See references of WO 9933275A1

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