

Title (en)

VIDEO-SIGNAL DECODER AND METHOD FOR REMOVING INTERFERENCES IN A VIDEO IMAGE

Title (de)

VIDEOSIGNAL-DECODER UND VERFAHREN ZUR BESEITIGUNG VON BILDSTÖRUNGEN IN EINEM VIDEOBILD

Title (fr)

DECODEUR DE SIGNAUX VIDEO ET PROCEDE POUR ELIMINER DES PARASITES D'IMAGE DANS UNE IMAGE VIDEO

Publication

**EP 1290896 A1 20030312 (DE)**

Application

**EP 01945091 A 20010505**

Priority

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Abstract (en)

[origin: WO0186963A1] The invention relates to a video-signal decoder for generating a video image that consists of cumulative image data blocks, of a differential image comprising differential image data blocks and motion vectors, and of a down-sampling device (28) which down-samples the cumulative image data blocks for producing reduced reference image data blocks. The video-signal decoder further comprises a reference image data memory (30) for the intermediate storage of the reduced reference data blocks, an upsampling device that upsamples the reduced reference image data blocks that are read out from the reference image data memory and that are motion-compensated by means of the motion vectors, thereby producing reference image data blocks. A reconstruction filter (36) filters the reference image data blocks produced by upsampling and produces predecessor image data blocks, said reference image data blocks being filtered by interpolation within the data block limits. A summation circuit (12) produces a sum of the produced predecessor image data blocks and the differential image data blocks to produce the cumulative image data blocks.

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Citation (search report)

See references of WO 0186963A1

Cited by

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