Title (en)

BLOCKING ARTIFACT REDUCTION IN THE DCT DOMAIN

Title (de)

REDUKTION VON BLOCKARTEFAKTEN IN DEM DCT-BEREICH

Title (fr)

REDUCTION DES ARTEFACTS DE BLOCAGE DANS LE DOMAINE TCD

Publication

**EP 1157558 A1 20011128 (EN)**

Application

**EP 00981258 A 20001110**

Priority

- EP 0011295 W 20001110
- US 45127799 A 19991130

Abstract (en)

[origin: WO0141453A1] A method and device for removing blocking artifacts in the frequency domain. Two frequency domain blocks (A & B) are received in a video stream. A third frequency domain block is computed directly in the transform domain which overlaps the boundary between the first and second frequency domain blocks. The coefficients of the third block are modified in the frequency domain to remove blocking artifacts and then this modification is translated into a modification of the two frequency domain blocks (A and B) in the frequency domain.

IPC 1-7

**H04N 7/30**

IPC 8 full level

**H03M 7/30** (2006.01); **H04N 1/41** (2006.01); **H04N 7/26** (2006.01); **H04N 7/30** (2006.01)

CPC (source: EP KR)

**H04N 19/48** (2014.11 - EP); **H04N 19/527** (2014.11 - EP); **H04N 19/86** (2014.11 - EP KR); **H04N 19/90** (2014.11 - EP)

Citation (search report)

See references of WO 0141453A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**WO 0141453 A1 20010607**; CN 1191717 C 20050302; CN 1338182 A 20020227; EP 1157558 A1 20011128; JP 2003516054 A 20030507; KR 20010101882 A 20011115

DOCDB simple family (application)

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