

Title (en)

MULTI-PASS VIDEO ENCODING

Title (de)

VIDEOCODIERUNG MIT MEHREREN DURCHGÄNGEN

Title (fr)

CODAGE VIDEO MULTIPASSE

Publication

EP 1762093 A4 20110629 (EN)

Application

EP 05773224 A 20050624

Priority

- US 2005022616 W 20050624
- US 58341804 P 20040627
- US 64391805 P 20050109
- US 11861605 A 20050428
- US 11860405 A 20050428

Abstract (en)

[origin: WO2006004605A2] Some embodiments of the invention provide a multi-pass encoding method that encodes several images (e.g., several frames of a video sequence). The method iteratively performs an encoding operation that encodes these images. The encoding operation is based on a nominal quantization parameter, which the method uses to compute quantization parameters for the images. During several different iterations of the encoding operation, the method uses several different nominal quantization parameters. The method stops its iterations when it reaches a terminating criterion (e.g., it identifies an acceptable encoding of the images).

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

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- [X] LIMIN WANG: "BIT RATE CONTROL FOR HYBRID DPCM/DCT VIDEO CODEC", IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY, IEEE SERVICE CENTER, PISCATAWAY, NJ, US, vol. 4, no. 5, 1 October 1994 (1994-10-01), pages 509 - 517, XP000471052, ISSN: 1051-8215, DOI: 10.1109/76.322999
- See references of WO 2006004605A2

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DOCDB simple family (publication)

WO 2006004605 A2 20060112; **WO 2006004605 A3 20060504**; **WO 2006004605 B1 20060713**; CN 102833538 A 20121219;
CN 102833538 B 20150422; CN 102833539 A 20121219; CN 102833539 B 20150325; CN 1926863 A 20070307; CN 1926863 B 20120919;
EP 1762093 A2 20070314; EP 1762093 A4 20110629; HK 1101052 A1 20071005; JP 2008504750 A 20080214; JP 2011151838 A 20110804;
JP 4988567 B2 20120801; JP 5318134 B2 20131016; KR 100909541 B1 20090727; KR 100988402 B1 20101018; KR 100997298 B1 20101129;
KR 20070011294 A 20070124; KR 20090034992 A 20090408; KR 20090037475 A 20090415

DOCDB simple family (application)

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EP 05773224 A 20050624; HK 07106057 A 20070607; JP 2007518338 A 20050624; JP 2011052098 A 20110309; KR 20067017074 A 20050624;
KR 20097003420 A 20050624; KR 20097003421 A 20050624