

Title (en)

METHODS AND APPARATUS FOR IMPROVED MOTION ESTIMATION FOR VIDEO ENCODING

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VERBESSERTEN BEWEGUNGSSCHÄTZUNG FÜR DIE VIDEOKODIERUNG

Title (fr)

PROCEDE ET DISPOSITIF DESTINE A UNE MEILLEURE ESTIMATION DES MOUVEMENTS POUR LE VIDEOCODAGE

Publication

**EP 1157559 A4 20020123 (EN)**

Application

**EP 99971615 A 19991102**

Priority

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Abstract (en)

[origin: WO0027128A1] In a new motion estimation system (550) and process for video compression (600), the search for matching blocks is performed in the frequency domain making extensive use of data already computed by the video encoding process. Moreover, additional good block matches can be recognized with this approach. A multi-tiered approach may be employed to combine the frequency domain analysis with existing spatial domain techniques. The approach is computationally less expensive than typical spatial domain block matching algorithms.

IPC 1-7

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IPC 8 full level

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- No further relevant documents disclosed
- See references of WO 0027128A1

Designated contracting state (EPC)

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