

Title (en)
VIDEO COMPRESSION IN INFORMATION SYSTEM

Title (de)
VIDEOKOMPRIMIERUNG IN INFORMATIONSSYSTEMEN

Title (fr)
COMPRESSION DE DONNEES VIDEO DANS UN SYSTEME D'INFORMATIONS

Publication
EP 1075759 A4 20090128 (EN)

Application
EP 99920146 A 19990429

Priority
• US 9909315 W 19990429
• US 6936498 A 19980429

Abstract (en)
[origin: WO9956461A1] A video image data field to be compression-encoded is divided into rectangular blocks. Each of the rectangular blocks is compared (130) with a corresponding (132) block of a reference image to generate comparison data. The block of the image to be encoded is selected for representation if the comparison data for the block meets a selection criterion. Mapping data is generated which is indicative of locations in the image plane corresponding to the selected blocks. The image to be encoded is represented in compressed form by header data (106), the mapping data (108) and image data representative of the selected blocks. When the reference image is compression encoded (206), the blocks may be expanded in areas of the reference image which correspond to a low information density. System configuration consists of a back panel (46) which is coupled to a front end processing/compression unit (42) which interfaces with a motherboard (40) through a PCI bus.

IPC 8 full level
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Citation (search report)
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DE FR GB SE

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