

Title (en)

METHOD AND APPARATUS FOR VIDEO SIGNAL PROCESSING

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VIDEOSIGNALVERARBEITUNG

Title (fr)

PROCEDE ET APPAREIL DE TRAITEMENT DE SIGNAUX VIDEO

Publication

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Application

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Abstract (en)

[origin: WO0016561A1] Method and apparatus for video processing, wherein possible movement between successive fields of the images split into even and odd is detected and the mode, i.e. video mode or film mode is determined, characterized in that the sequence of movement or standstill between successive fields is detected and this sequence of a number of fields is stored in a memory, followed by said sequence being compared with patterns inherent to the mode and, if ordinary video mode is detected, median filtering is carried out whereas, if film mode (2:2 pull-down or 3:2 pull-down) is detected, the median filtering is switched off and, in synchronization with the film phase, the even and odd fields which belong together and are derived from one and the same film image are merged again until the original film image is obtained and said image is repeated until again a following original film image can be constructed by means of the above-mentioned merging.

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