Title (en)
VIDEO FORMAT DETECTOR AND INTEGRATED CIRCUIT COMPRISING SUCH VIDEO FORMAT DETECTOR AS WELL AS METHOD FOR DISTINGUISHING DIFFERENT STANDARDS AND/OR TYPES OF VIDEO FORMATS

Title (de)
VIDEOFORMATDETEKTOR UND INTEGRIERTE SCHALTUNG MIT EINEM SOLCHEN VIDEOFORMATDETEKTOR SOWIE VERFAHREN ZUM UNTERSCHEIDEN VERSCHIEDENER NORMEN UND/ODER TYPEN VON VIDEOFORMATEN

Title (fr)
DETECTEUR DE FORMAT VIDEO ET CIRCUIT INTEGRE COMPRENANT UN TEL DETECTEUR DE FORMAT VIDEO AINSI QUE PROCEDE PERMETTANT DE DISTINGUER DIFFERENTS STANDARDS ET/OU TYPES DE FORMATS VIDEO

Publication
EP 1762090 A1 20070314 (EN)

Application
EP 05745182 A 20050608

Priority
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• EP 05745182 A 20050608

Abstract (en)
[origin: WO2005125191A1] In order to provide a video format detector (100) for distinguishing different standards and/or types of video formats in a digital video input stream comprising - at least one horizontal reference pulse (10) and - at least one vertical reference pulse (12), wherein the reference pulse (10, 12) is based on at least one high level (20) and at least one low level (22), this video format detector (100) as well as a corresponding method being able to reliably recognize the rapidly rising number of different standards and/or types of video formats, in particular of different standards and/or types of H[igh]D[efinition] video sources, it is proposed to provide (i) at least one measurement step, wherein -- the horizontal reference pulse (10) is sampled and/or -- the vertical reference pulse (12)is sampled and (ii) at least one evaluation step, wherein the video format is determined -- on the basis of the sampled horizontal reference pulse (10) and/or -- on the basis of the sampled vertical reference pulse (12).

IPC 8 full level
H04N 5/46 (2006.01); **H04N 7/015** (2006.01)

CPC (source: EP)
H04N 5/46 (2013.01); **H04N 21/42607** (2013.01); H04N 7/088 (2013.01)

Citation (search report)
See references of WO 2005125191A1

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