

Title (en)

Method and apparatus for processing video pictures

Title (de)

Verfahren und Vorrichtung zur Verarbeitung von Videobildern

Title (fr)

Procédé et appareil pour le traitement d'images vidéo

Publication

**EP 1335341 A3 20040630 (EN)**

Application

**EP 03000172 A 20030107**

Priority

- EP 03000172 A 20030107
- EP 02000946 A 20020116

Abstract (en)

[origin: EP1335341A2] The present invention relates to a method for processing video signals for display on a display panel comprising a matrix array of cells which could only be "ON" or "OFF", wherein the time duration of a video field is divided into N sub-fields during which the cells can be activated, each sub-field comprising at least an addressing period and a sustaining period, the duration of which corresponding to the weight associated with said sub-field, said method comprising at least a priming period, characterized in that the position of the priming period is determined as follows : determination of a sustain threshold value D for a given addressing speed and panel technology, calculation of the number of sustain pulses in each sub-field n, n being such that  $1 \leq n < N$ , if the number of sustain pulses is above or equal to D, addition of a priming pulse before at least the sub-field n + 1. <??>This method is mainly applicable to plasma display panel. <IMAGE>

IPC 1-7

**G09G 3/28**

IPC 8 full level

**G09G 3/20** (2006.01); **G09G 3/292** (2013.01)

CPC (source: EP)

**G09G 3/2029** (2013.01); **G09G 3/2927** (2013.01); **G09G 2320/0238** (2013.01); **G09G 2320/0285** (2013.01); **G09G 2360/16** (2013.01)

Citation (search report)

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- [XA] JP H08221036 A 19960830 - NEC CORP
- [YD] WO 0156003 A2 20010802 - THOMSON LICENSING SA [FR], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 2002, no. 03 3 April 2002 (2002-04-03)

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DOCDB simple family (publication)

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