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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- [A] PATENT ABSTRACTS OF JAPAN vol. 2002, no. 03 3 April 2002 (2002-04-03)

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