

Title (en)

Method and device for processing video pictures

Title (de)

Verfahren und Vorrichtung zur Videobildbearbeitung

Title (fr)

Procédé et appareil pour le traitement d'images vidéo

Publication

**EP 1288899 A1 20030305 (EN)**

Application

**EP 02292021 A 20020812**

Priority

- EP 02292021 A 20020812
- EP 01250304 A 20010823

Abstract (en)

The difference between the time responses of phosphor elements of a plasma display panel (17) shall be reduced by signal processing means without a need of a motion estimator. Therefore, the sub-fields for driving the luminous elements are reorganized in at least two groups of sub-fields arranged one after the other within one frame period. Luminous elements with long time responses are driven by the sub-fields of the first group and luminous elements with short time responses are driven by sub-fields of the first and second group. Thus, the phosphor lag effects are reduced.  
<IMAGE>

IPC 1-7

**G09G 3/28**

IPC 8 full level

**G09G 3/20** (2006.01); **G09G 3/28** (2006.01); **G09G 3/22** (2006.01)

CPC (source: EP)

**G09G 3/2029** (2013.01); **G09G 3/2037** (2013.01); **G09G 3/2003** (2013.01); **G09G 3/204** (2013.01); **G09G 3/22** (2013.01); **G09G 3/28** (2013.01); **G09G 2320/0242** (2013.01); **G09G 2320/0257** (2013.01); **G09G 2320/0261** (2013.01)

Citation (search report)

[XA] EP 0896317 A2 19990210 - HITACHI LTD [JP]

Cited by

EP1675089A4; EP1684258A1; WO2005036513A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 1288899 A1 20030305**

DOCDB simple family (application)

**EP 02292021 A 20020812**