Title (en)
   Driving method for a liquid crystal display

Title (de)
   Verfahren zum Steuern eines Flüssigkristallanzeigegeräts

Title (fr)
   Méthode de commande d'un dispositif d'affichage à cristaux liquides

Publication
   EP 1471496 A1 20041027 (EN)

Application
   EP 03425252 A 20030423

Priority
   EP 03425252 A 20030423

Abstract (en)
   The row electrode drive signals $(ri(t))$ and column electrode drive signals $(cj(t))$ are generated, for simultaneously driving row and column electrodes, such that the drive signals satisfy predefined relationship.. The gray shade of each display element of the exited row electrode is determined based on the column electrode drive signal. The row electrode drive time period is set less than the scanning time period.

IPC 1-7
   G09G 3/36

IPC 8 full level
   G09G 3/20 (2006.01); **G09G 3/36** (2006.01)

CPC (source: EP)
   G09G 3/2011 (2013.01); **G09G 3/3622** (2013.01); **G09G 3/3681** (2013.01); **G09G 3/3692** (2013.01); G09G 3/2022 (2013.01);
   G09G 3/2077 (2013.01)

Citation (search report)
   • [X] EP 0569974 A2 19931118 - IN FOCUS SYSTEMS INC [US]
   • [X] EP 0598913 A1 19940601 - SEIKO EPSON CORP [JP]
   • [A] EP 0522510 A2 19930113 - ASAHI GLASS CO LTD [JP]
   • [A] EP 0618562 A1 19941005 - ASAHI GLASS CO LTD [JP]
   • [A] SEUNG-WOO LEE ET AL: "Realization of video-rate STN display using row voltage modulation method", MICROELECTRONICS AND VLSI,
     1995. TENCON '95., IEEE REGION 10 INTERNATIONAL CONFERENCE ON HONG KONG 6-10 NOV. 1995, NEW YORK, NY, USA,IEEE, US, 6
     November 1995 (1995-11-06), pages 464 - 467, XP010160162, ISBN: 0-7803-2624-5

Designated contracting state (EPC)
   AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
   EP 1471496 A1 20041027

DOCDB simple family (application)
   EP 03425252 A 20030423