Title (en)

A column driver for LCD using frame duty cycle control

Title (de)

Spaltensteuerschaltung für eine Flüssigkristallanzeige mit Raster-Tastverhältnis-Steuerung

Title (fr)

Circuit de commande de colonnes d'un dispositif d'affichage à cristaux liquides avec commande du rapport cyclique de trame

Publication

EP 0778558 A2 19970611 (EN)

Application

EP 96308500 A 19961125

Priority

GB 9524193 A 19951127

Abstract (en)

A driver for a liquid crystal display has fixed preset drive voltage levels and means for varying an ON:OFF ratio over a number of cycles, whereby effectively to present variable driving voltage levels for driving a liquid crystal display. <IMAGE>

IPC 1-7

G09G 3/36

IPC 8 full level

G09G 3/36 (2006.01); G09G 3/20 (2006.01)

CPC (source: EP KR)

G09G 3/3611 (2013.01 - EP); **G09G 3/3648** (2013.01 - KR); G09G 3/2018 (2013.01 - EP); G09G 2230/00 (2013.01 - KR)

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

GB 2307584 A 19970528; **GB 9624443 D0 19970115**; EP 0778558 A2 19970611; EP 0778558 A3 19980204; GB 9524193 D0 19960131; KR 970029309 A 19970626; SG 54392 A1 19981116; TW 337579 B 19980801

DOCDB simple family (application)

GB 9624443 A 19961125; EP 96308500 A 19961125; GB 9524193 A 19951127; KR 19960058209 A 19961127; SG 1996011385 A 19961127; TW 85114682 A 19961128