

Publication

EP 0809229 A3 19971203

Application

EP 97107141 A 19970430

Priority

US 65239996 A 19960523

Abstract (en)

[origin: EP0809229A2] A drive for a matrix of light emitting devices includes a plurality of column decoding switches (12) each including a plurality of column circuits, each circuit coupled to an individual column and a power source (50). An individual data line (C0 - C59) coupled to each decoding switch (12) for selecting and activating a specific decoding switch (12). A plurality of column address lines (A0 - A1) coupled to each of the decoding switches (12) for logically selecting a specific circuit. Similar row decoding switches (15) are optionally connected to the rows of the matrix and to a current sink (51) and similarly addressed. Whereby one contact of a selected LED is coupled to the current sink (51) by an addressed one of the row coupling circuits (15) and a second contact of the LED is coupled to the power source (50) by the addressed one of the column coupling circuits (12).

IPC 1-7

G09G 3/32; **G09G 3/20**

IPC 8 full level

G09F 9/33 (2006.01); **G09G 3/20** (2006.01); **G09G 3/32** (2006.01)

CPC (source: EP)

G09G 3/20 (2013.01); **G09G 3/3216** (2013.01); **G09G 3/3266** (2013.01); **G09G 3/3275** (2013.01); **G09G 2300/0408** (2013.01); **G09G 2310/0289** (2013.01); **G09G 2310/0297** (2013.01); **G09G 2330/021** (2013.01)

Citation (search report)

- [A] DE 3302288 A1 19840726 - LICENTIA GMBH [DE]
- [A] US 5430461 A 19950704 - TSAI CHUN-HUI [TW]
- [A] WO 9416428 A1 19940721 - YUEN FOONG YU H K CO LTD [GB]

Cited by

EP2234162A3; US9653441B1; EP1176579B1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0809229 A2 19971126; **EP 0809229 A3 19971203**; CN 1180881 A 19980506; JP H1063226 A 19980306

DOCDB simple family (application)

EP 97107141 A 19970430; CN 97113430 A 19970522; JP 14853097 A 19970522