

Title (en)

CIRCUIT AND METHOD FOR DRIVING AN ARRAY OF LIGHT EMITTING PIXELS

Title (de)

SCHALTUNG UND VERFAHREN ZUR ANSTEUERUNG EINES ARRAYS LICHEMITTIERENDER PIXEL

Title (fr)

CIRCUIT ET PROCEDE DE COMMANDE D'UN RESEAU DE PIXELS ELECTROLUMINESCENTS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2005029456A1] A technique for driving a column of pixels that include light emitting elements is presented. The technique incorporates feedback data provided from feedback data sources connected to the data line and to feedback line of the array, pixel driving circuit with feedback path. The technique can also include block of the reference elements for input signal corrections.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XY] US 2003020413 A1 20030130 - OOMURA MASANOBU [JP]
- [XY] WO 9948079 A1 19990923 - HOLLOMAN CHARLES J [US]
- [PX] WO 2004034364 A1 20040422 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- [Y] US 2002195967 A1 20021226 - KIM SUNG KI [KR], et al
- [Y] WO 03063124 A1 20030731 - NEC CORP [JP], et al
- [Y] US 6320325 B1 20011120 - COK RONALD S [US], et al
- [Y] EP 1194013 A1 20020403 - EASTMAN KODAK CO [US]
- See references of WO 2005029456A1

Designated contracting state (EPC)

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