

Title (en)

Flat cold cathode display with switched anode

Title (de)

Flaches Kaltkathodeanzeigegerät mit geschalteter Anode

Title (fr)

Ecran plat à micropointes à anode commutée

Publication

EP 0649162 B1 19970730 (FR)

Application

EP 94410089 A 19941013

Priority

FR 9312530 A 19931014

Abstract (en)

[origin: EP0649162A1] The invention relates to a flat display screen of the type including a micropoint electron emission cathode organised in columns (3), a grid organised in rows (L) and an anode provided with a luminophor element (8) which are arranged in groups (13, 14) of juxtaposed bands which are electrically insulated from each other, the intersection of a row (L) of the grid and a column (3) of the cathode defining a pixel of the screen; the groups (13, 14) of bands (8) of the anode are electrically connected in two networks, a first network comprising the groups (13) of bands of odd rank (R1, V1, B1), whereas a second network comprises the groups (14) of bands of even rank (R2, V2, B2); and the screen is associated with control electronics capable of sequentially addressing the groups of odd rank and even rank, respectively. <IMAGE>

IPC 1-7

H01J 31/12

IPC 8 full level

G09G 3/30 (2006.01); **H01J 29/08** (2006.01)

CPC (source: EP US)

H01J 29/085 (2013.01 - EP US)

Cited by

US6798131B2

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 0649162 A1 19950419; EP 0649162 B1 19970730; DE 69404599 D1 19970904; DE 69404599 T2 19971204; FR 2711273 A1 19950421; FR 2711273 B1 19960119; JP H07191628 A 19950728; US 5654729 A 19970805

DOCDB simple family (application)

EP 94410089 A 19941013; DE 69404599 T 19941013; FR 9312530 A 19931014; JP 27315894 A 19941013; US 32299094 A 19941014