

Title (en)

CATHODE RAY TUBE USING A SCREEN COMPRISING AN ELECTRO-OPTICAL SUBSTANCE

Publication

EP 0000422 B1 19810429 (EN)

Application

EP 78300047 A 19780615

Priority

GB 2509077 A 19770615

Abstract (en)

[origin: US4231068A] A cathode ray tube has an optical screen formed of a series of strips aligned with the writing direction of the cathode ray tube raster. The strips each comprise a layer of electro-optical material, and are electrically interconnected with the cathode ray tube circuitry so that each strip is transparent when the raster is writing on a cathode ray tube display face behind it. The electro-optical material is preferably a liquid crystal material.

IPC 1-7

H01J 29/30; **G02F 1/13**

IPC 8 full level

H04N 5/68 (2006.01); **G02F 1/13** (2006.01); **G02F 1/139** (2006.01); **G09F 9/00** (2006.01); **G09F 9/46** (2006.01); **G09G 3/18** (2006.01); **H01J 29/89** (2006.01)

CPC (source: EP US)

G02F 1/1313 (2013.01 - EP US); **G02F 1/1393** (2013.01 - EP US); **H01J 29/896** (2013.01 - EP US); **H01J 2229/8926** (2013.01 - EP US)

Cited by

EP0182639A3; US6437841B2; GB2133935A; FR2562363A1; WO0148544A3

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BE CH DE FR GB NL SE

DOCDB simple family (publication)

EP 0000422 A1 19790124; **EP 0000422 B1 19810429**; BR 7803797 A 19790410; CA 1105544 A 19810721; DE 2860638 D1 19810806; IL 54915 A 19801026; JP S5433698 A 19790312; JP S6126669 B2 19860621; MX 144543 A 19811023; US 4231068 A 19801028

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