

Title (en)

Thin-type picture display device.

Title (de)

Bildwiedergabeordnung vom dünnen Typ.

Title (fr)

Dispositif de reproduction d'image du type mince.

Publication

EP 0436997 A1 19910717 (EN)

Application

EP 90203471 A 19901221

Priority

- NL 9000060 A 19900110
- NL 9001266 A 19900605
- NL 9002566 A 19901126

Abstract (en)

Picture display device having a vacuum envelope with a front wall supporting a luminescent screen at its inner side and a rear wall at a short distance therefrom, connected by side walls. The envelope accommodates a plurality of adjacent electron sources and juxtaposed, local electron ducts cooperating with these sources and having walls of substantially electrically insulating material having a secondary emission coefficient which is suitable for transporting, through vacuum, produced electrons in the form of electron currents. Means are provided to make each electron current substantially travel along a particular wall of its electron duct, as well as means for withdrawing each electron current at predetermined locations from its duct and directing it towards the luminescent screen for producing a picture composed of pixels.

IPC 1-7

H01J 31/12

IPC 8 full level

H01J 29/46 (2006.01); **H01J 31/12** (2006.01)

CPC (source: EP KR)

H01J 31/12 (2013.01 - KR); **H01J 31/124** (2013.01 - EP)

Citation (search report)

- [A] US 4069439 A 19780117 - ANDERSON CHARLES HAMMOND
- [A] EP 0079108 A2 19830518 - PHILIPS ELECTRONIC ASSOCIATED [GB], et al
- [AD] EP 0213839 A2 19870311 - SOURCE TECHNOLOGY INC [US]

Cited by

US6049165A; EP0550103A1; US5598054A; BE1007259A3; US5650690A; US5844356A; US5726526A; US5621271A; US5859502A; US5625253A; US5959397A; US5982086A; US5742117A; US5701134A; US5986627A; US5578899A; US5781166A; US5557296A; US5838288A; US5576596A; US5725787A; US5489815A; US5729083A; US5821923A; US5764205A; US5525873A; US5903094A; US5798604A; US5543683A; US5541473A; US5589731A; US5667418A; US5675212A; US5865930A; US5985067A; US6157123A; US5532548A; US5614781A; US5746635A; US6414428B1; US6489718B1; WO9609640A1; WO9428572A1; WO9527997A1; WO9429893A1; US6278066B1; US6571464B2

Designated contracting state (EPC)

DE ES FR GB IT NL SE

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DOCDB simple family (application)

EP 90203471 A 19901221; CN 91100134 A 19910107; DE 69026233 T 19901221; ES 90203471 T 19901221; JP 1277291 A 19910109; KR 910000152 A 19910108