

Title (en)

FLAT TUBE DISPLAY APPARATUS

Publication

EP 0399515 A3 19920513 (EN)

Application

EP 90109841 A 19900523

Priority

- JP 13086789 A 19890524
- JP 13086889 A 19890524

Abstract (en)

[origin: EP0399515A2] A flat tube display apparatus wherein a row of many electron beam generators (2) is arranged transversely in a thin flat vacuum tube body (1) to generate a number of beams in parallel with each other which travel in parallel with an image screen (6) and to deflect the beams toward the image screen at a predetermined position. The beams are guided without being widely diverged due to the provision of a number of side walls arranged in parallel with each other to confine beams and due to the provision of alternately strong and weak magnetic fields along the side walls. Image brightness can be further increased by a frit-glass-laminated structure of a multiplier or microchannel (5).

IPC 1-7

H01J 31/12

IPC 8 full level

H01J 29/68 (2006.01); **H01J 31/12** (2006.01)

CPC (source: EP KR)

H01J 29/68 (2013.01 - EP); **H01J 31/12** (2013.01 - KR); **H01J 31/124** (2013.01 - EP); **H01J 43/04** (2013.01 - KR); **H01J 43/246** (2013.01 - EP)

Citation (search report)

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- [A] JOURNAL OF PHYSICS D. APPLIED PHYSICS, vol. 16, no. 10, October 1983, pages 2023-2032, The Institute of Physics, Dorking, GB; B. JACHYM et al.: "The use of three-component polymeric composites in preparing a channel electron multiplier"; Abstract; figure 8.

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0399515 A2 19901128; EP 0399515 A3 19920513; KR 900019120 A 19901224; KR 930002660 B1 19930407

DOCDB simple family (application)

EP 90109841 A 19900523; KR 900007430 A 19900523