

Title (en)
COLOUR DISPLAY TUBE

Publication
EP 0134059 A3 19850410 (DE)

Application
EP 84201127 A 19840801

Priority
NL 8302773 A 19830805

Abstract (en)
[origin: EP0134059A2] The colour picture tube has three holes in a part of each electrode perpendicular to the axis. The shape of the centre hole in at least one of the electrodes is such that apart from the generation of a four-pole field component the eight-pole component in the focussing lens field at the place of the central electron beam is compensated. The shape of the outer holes in at least one of the electrodes is such that apart from the generation of a four-pole component the six-pole component in the focussing lens field at the place of the outer electron beams is compensated. The outer edge of each electrode projects beyond that electrode's recessed part by 10-25 percent of the largest diameter of the recessed part in the outer edge.

IPC 1-7
H01J 29/50; **H01J 29/62**

IPC 8 full level
H01J 31/20 (2006.01); **H01J 29/48** (2006.01); **H01J 29/50** (2006.01)

CPC (source: EP KR US)
H01J 29/50 (2013.01 - KR); **H01J 29/503** (2013.01 - EP US); **H01J 2229/4886** (2013.01 - EP US)

Citation (search report)
• [A] GB 2101805 A 19830119 - RCA CORP [US]
• [A] GB 2027269 A 19800213 - MATSUSHITA ELECTRONICS CORP
• [A] PATENTS ABSTRACTS OF JAPAN, Band 6, Nr. 215(E-138)(1093), 28. Oktober 1982; & JP - A - 57 118 352 (HITACHI SEISAKUSHO K.K.) 23.07.1982
• [A] PATENTS ABSTRACTS OF JAPAN, Band 6, Nr. 218(E-139)(1096), 2. November 1982; & JP - A - 57 123 635 (TOKYO SHIBAURA DENKI K.K.) 02.08.1982

Cited by
EP0157648A3; EP0231964A1; DE3943173A1; EP0655764A1; US5763991A; FR2684488A1; US5414323A

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0134059 A2 19850313; **EP 0134059 A3 19850410**; **EP 0134059 B1 19881026**; CA 1216878 A 19870120; DD 223566 A5 19850612; DE 3474881 D1 19881201; ES 534821 A0 19850501; ES 8505142 A1 19850501; JP H053695 B2 19930118; JP S6054143 A 19850328; KR 850002161 A 19850506; KR 920001870 B1 19920306; NL 8302773 A 19850301; PL 249062 A1 19850409; SG 52090 G 19901026; US 4626738 A 19861202

DOCDB simple family (application)
EP 84201127 A 19840801; CA 460259 A 19840802; DD 26593584 A 19840802; DE 3474881 T 19840801; ES 534821 A 19840802; JP 16165484 A 19840802; KR 840004641 A 19840803; NL 8302773 A 19830805; PL 24906284 A 19840803; SG 52090 A 19900704; US 63577684 A 19840730