

Title (en)
FLAT IMAGE DISPLAY DEVICE

Publication
EP 0307653 A3 19900801 (DE)

Application
EP 88113548 A 19880820

Priority
DE 3730744 A 19870912

Abstract (en)
[origin: EP0307653A2] A flat image display device has a cathode (7) consisting of a periodic arrangement of oxide-coated heating wires. To increase the electron current which can be extracted, from the cathode, the atmosphere in the cathode chamber consists of an inert gas. The pressure is approximately 0.01 to 1 millibar. <IMAGE>

IPC 1-7
H01J 17/62; **H01J 17/49**

IPC 8 full level
H01J 15/00 (2006.01); **H01J 17/20** (2006.01); **H01J 17/49** (2006.01); **H01J 31/15** (2006.01)

CPC (source: EP)
H01J 17/20 (2013.01); **H01J 17/49** (2013.01)

Citation (search report)
• [A] US 4634935 A 19870106 - HILLENBRAND BERNHARD [DE], et al
• [A] EP 0142165 A2 19850522 - SIEMENS AG [DE]
• [A] PATENT ABSTRACTS OF JAPAN, Band 2, Nr. 153, 22. Dezember 1978, Seite 9899 E 78; & JP-A-53 122 359 (MATSUSHITA DENKI SANGYO K.K.) 25-10-1978
• [A] ELEKTRONIK, Band 31, Nr. 14, Juli 1982, Seiten 79-82; A. SCHAUER: "Flacher Bildschirm aus deutscher Entwicklung"

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0307653 A2 19890322; **EP 0307653 A3 19900801**; DE 3730744 A1 19890323; JP H01163943 A 19890628

DOCDB simple family (application)
EP 88113548 A 19880820; DE 3730744 A 19870912; JP 22670788 A 19880912