

Title (en)

INDIRECTLY HEATED DISPENSER-TYPE CATHODE FOR ELECTRIC DISCHARGE VESSELS

Publication

EP 0220396 B1 19891102 (DE)

Application

EP 86110820 A 19860805

Priority

DE 3534553 A 19850927

Abstract (en)

[origin: EP0220396A1] 1. Indirectly heated dispenser cathode, in particular a metal capillary cathode, for electrical discharge vessels, in which cathode an end-face emission substance support disc (8) covers a cathode cartridge (3) which contains the emission reservoir and is fitted to a mounting ring (6), which has an enlarged step at the end face and which is surrounded by a helically constructed heater (1) and is coaxially arranged in a cylindrical cathod sleeve (2) which has cut-out (5a) at the end face the form of a window, in the region of which cut-out (sic) the end of the heater (1), which end has a bend (4), is brazed to the step in the cathode cartridge (3) and to the cathode sleeve (2).

IPC 1-7

H01J 1/28; **H01J 19/22**

IPC 8 full level

H01J 1/20 (2006.01); **H01J 1/28** (2006.01); **H01J 19/22** (2006.01)

CPC (source: EP)

H01J 1/20 (2013.01)

Citation (examination)

PATENT ABSTRACTS OF JAPAN, unexamined applications, Sektion E, Band 4, Nr. 8, Jänner 1980. THE PATENT OFFICE JAPANESE GOVERNMENT, Seite 78 E 166

Cited by

EP0851453A1; FR2735902A1; CN105788998A

Designated contracting state (EPC)

DE GB NL

DOCDB simple family (publication)

EP 0220396 A1 19870506; **EP 0220396 B1 19891102**; DE 3666750 D1 19891207

DOCDB simple family (application)

EP 86110820 A 19860805; DE 3666750 T 19860805