

Title (en)

Frittable evaporable getter device having a high yield of barium

Title (de)

Sinterfähige verdampfbare Gettervorrichtung mit hoher Leistung an Barium

Title (fr)

Dispositif dégazeur frittible et évaporable à haut rendement de barium

Publication

**EP 0853328 A1 19980715 (EN)**

Application

**EP 97830748 A 19971231**

Priority

IT MI970037 A 19970110

Abstract (en)

An evaporable getter device that can be frit sealed is described, being capable of releasing barium quantities of at least 300 mg for the use in picture tubes of traditional type or flat displays. The device comprises a container (21) in which there is a mixture of powdered BaAl<sub>4</sub> alloy and nickel, in the form of a packet at the upper surface of which there is a variable number of radial recesses (26,26'); a discontinuous metallic member (23) is provided within the packet. <IMAGE>

IPC 1-7

**H01J 7/18**

IPC 8 full level

**B22F 1/00** (2006.01); **B22F 3/02** (2006.01); **H01J 7/18** (2006.01); **H01J 29/94** (2006.01); **H01J 41/16** (2006.01)

CPC (source: EP)

**H01J 7/186** (2013.01)

Citation (search report)

- [Y] WO 8910627 A1 19891102 - GETTERS SPA [IT]
- [Y] US 3560788 A 19710202 - REASH CLAIR, et al
- [AD] US 3558962 A 19710126 - REASH CLAIR W
- [A] US 3428168 A 19690218 - REASH CLAIR W
- [A] EP 0036681 A1 19810930 - PHILIPS NV [NL]
- [A] US 3737709 A 19730605 - HORNMAN J, et al

Cited by

US10232302B2; US6139768A; WO0028568A1; US6873102B2; US6583559B1; WO03010790A1

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

**EP 0853328 A1 19980715**; **EP 0853328 B1 20030813**; BR 9800279 A 20000328; CN 1113376 C 20030702; CN 1187685 A 19980715; CZ 287498 B6 20001213; CZ 7298 A3 19980715; DE 69724090 D1 20030918; DE 69724090 T2 20040609; ID 18337 A 19980326; IT 1289875 B1 19981019; IT MI970037 A1 19980710; JP 2849084 B2 19990120; JP H10208674 A 19980807; KR 100304604 B1 20011102; KR 19980070412 A 19981026; MY 119622 A 20050630; RU 2137243 C1 19990910; TW 359845 B 19990601

DOCDB simple family (application)

**EP 97830748 A 19971231**; BR 9800279 A 19980112; CN 98103603 A 19980109; CZ 7298 A 19980109; DE 69724090 T 19971231; ID 973870 A 19971212; IT MI970037 A 19970110; JP 1352098 A 19980109; KR 19980000334 A 19980109; MY PI9800080 A 19980108; RU 98100580 A 19980109; TW 86117988 A 19971129