

Title (en)

GETTERING DEVICE AND SYSTEM FOR A CATHODE RAY TUBE

Publication

**EP 0436477 A3 19911218 (EN)**

Application

**EP 90830621 A 19901231**

Priority

IT 1901790 A 19900105

Abstract (en)

[origin: EP0436477A2] A gettering system is provided for cathode ray tubes which have a sensitive cathode that can be damaged when nitrogen is released at first switch-on of the cathode. The gettering system consists of a barium getter providing a high capacity for residual gases throughout tube life and a separate titanium getter which provides a film of titanium having a high sorption speed for the nitrogen which is released at first switch-on of the cathode.

IPC 1-7

**H01J 29/94**; H01J 7/18; H01J 19/70

IPC 8 full level

**H01J 7/18** (2006.01); **H01J 29/94** (2006.01)

CPC (source: EP KR)

**H01J 7/18** (2013.01 - EP); **H01J 29/94** (2013.01 - EP KR)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 1, no. 150 (E-77)(7866) December 5, 1977 & JP-A-52 91 364 (HITACHI SEISAKUSHO ) August 1, 1977

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Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0436477 A2 19910710**; **EP 0436477 A3 19911218**; IT 1237948 B 19930619; IT 9019017 A0 19900105; IT 9019017 A1 19910706; JP H04133250 A 19920507; KR 910014988 A 19910831

DOCDB simple family (application)

**EP 90830621 A 19901231**; IT 1901790 A 19900105; JP 41528390 A 19901227; KR 900022106 A 19901228