

Title (en)

Non evaporable getter device incorporating a ceramic support and method for the manufacture thereof.

Title (de)

Mit einem keramischen Träger versehene, nicht verdampfbare Gettervorrichtung und Herstellungsverfahren derselben.

Title (fr)

Dispositif getter non évaporable comportant un support céramique et son procédé de fabrication.

Publication

EP 0275844 A2 19880727 (EN)

Application

EP 87830452 A 19871221

Priority

IT 2280786 A 19861222

Abstract (en)

A porous non-evaporable getter device is described which comprises a ceramic support, a layer of sintered non-evaporable getter material and an intermediate electrically conducting layer at least partially diffused into the ceramic support and into the porous sintered getter layer. There also is described a method for the manufacture of such a getter device in which the ceramic support is coated with a thin conducting film on which is electrically deposited a thicker metallic layer which in turn is covered, by electrophoresis, a mixture of a non-evaporable getter material and an antisintering agent. The support is finally sintered to obtain the desired porous getter device and it is then cooled.

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CPC (source: EP)

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Cited by

EP1100107A3; CN114318233A; DE3923745A1; DE102014203083A1; US6735845B2; CN115185169A; US2015334845A1; US9756731B2; US5934964A; US7155803B2; WO2023186704A1; WO9523425A1

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