

Title (en)  
HOT CATHODE

Publication  
**EP 0005279 B1 19810701 (DE)**

Application  
**EP 79200056 A 19790202**

Priority  
CH 489078 A 19780505

Abstract (en)  
[origin: US4274030A] A reaction thermionic cathode of the diffusion type on the basis of an activated high-temperature support metal doped with a diffusion-promoting additive for the activator substance, provided with a barrier layer inhibiting the self-diffusion of this additive in an undesired direction.

IPC 1-7  
**H01J 1/28**; **H01J 1/14**

IPC 8 full level  
**H01J 1/14** (2006.01); **H01J 1/15** (2006.01); **H01J 1/28** (2006.01)

CPC (source: EP US)  
**H01J 1/14** (2013.01 - EP US); **H01J 1/28** (2013.01 - EP US)

Cited by  
FR2425144A1; EP0019992A1; EP0013201A1; EP0685868A1; US5757115A

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DOCDB simple family (publication)  
**EP 0005279 A2 19791114**; **EP 0005279 A3 19791212**; **EP 0005279 B1 19810701**; AT 367567 B 19820712; AT A82879 A 19811115; CH 629033 A5 19820331; DE 2822614 A1 19791108; DE 2960432 D1 19811008; JP S54146951 A 19791116; US 4274030 A 19810616

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**EP 79200056 A 19790202**; AT 82879 A 19790205; CH 489078 A 19780505; DE 2822614 A 19780524; DE 2960432 T 19790202; JP 5094479 A 19790426; US 2664979 A 19790403