

Title (en)

REDUCED DIFFUSION OF A MOBILE SPECIE FROM A METAL OXIDE CERAMIC

Title (de)

VERRINGERTE DIFFUSION EINES BEWEGLICHEN STOFFS AUS EINER METALLOXID-KERAMIK

Title (fr)

REDUCTION DE LA DIFFUSION D'ELEMENTS MOBILES DE CERAMIQUE D'OXYDE METALLIQUE

Publication

EP 1142027 A1 20011010 (EN)

Application

EP 99958444 A 19991208

Priority

- IB 9902028 W 19991208
- US 21637298 A 19981218

Abstract (en)

[origin: WO0038247A1] A barrier layer is provided to prevent the diffusion of excess mobile specie from a metal oxide ceramic into the substrate. The barrier layer is provided below the metal oxide ceramic, separating it from the substrate below.

IPC 1-7

H01L 29/92; **H01L 21/02**

IPC 8 full level

C23C 14/08 (2006.01); **H01L 21/02** (2006.01); **H01L 21/28** (2006.01); **H01L 21/768** (2006.01); **H01L 21/8246** (2006.01); **H01L 27/105** (2006.01)

CPC (source: EP KR)

H01L 27/105 (2013.01 - KR); **H01L 28/55** (2013.01 - EP); **H01L 28/75** (2013.01 - EP); **H10B 53/00** (2023.02 - EP); **H10B 53/30** (2023.02 - EP)

Citation (search report)

See references of WO 0038247A1

Designated contracting state (EPC)

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