

Title (en)

LAYER SYSTEM COMPRISING A TITANIUM-ALUMINIUM-OXIDE LAYER

Title (de)

TITAN-ALUMINIUM-OXIDSCHICHT UMFASSENDES SCHICHTSYSTEM

Title (fr)

SYSTEMES DE COUCHES CONTENANT UNE COUCHE D'OXYDE DE TITANE-ALUMINIUM

Publication

**EP 1546053 A1 20050629 (DE)**

Application

**EP 03750543 A 20030913**

Priority

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- EP 0310219 W 20030913

Abstract (en)

[origin: EP2243751A2] Coated object comprises a substrate with at least one functional layer containing at least one intermediate layer which has a layer thickness of  $d = 10$  nm. The intermediate layer interrupts the morphology of the functional layer. An independent claim is also included for a process for the production of a coated object using a CVD or PVD process.

IPC 1-7

**C03C 17/245; C03C 17/25; C03C 17/34; C08J 7/06; G02B 1/11**

IPC 8 full level

**G02B 5/08** (2006.01); **B32B 9/00** (2006.01); **C03C 17/245** (2006.01); **C03C 17/25** (2006.01); **C03C 17/34** (2006.01); **C03C 17/36** (2006.01); **C04B 41/89** (2006.01); **C23C 14/00** (2006.01); **C23C 14/02** (2006.01); **C23C 14/06** (2006.01); **C23C 14/08** (2006.01); **C23C 14/34** (2006.01); **C23C 14/56** (2006.01); **C23C 28/00** (2006.01); **C23C 28/04** (2006.01); **G02B 1/10** (2006.01); **G02B 5/26** (2006.01); **G02B 5/28** (2006.01)

CPC (source: EP KR US)

**C03C 17/34** (2013.01 - KR); **C03C 17/3417** (2013.01 - EP US); **C03C 17/36** (2013.01 - KR); **C23C 14/00** (2013.01 - KR); **C23C 14/0078** (2013.01 - EP US); **C23C 14/022** (2013.01 - EP US); **C23C 14/34** (2013.01 - EP US); **C23C 14/56** (2013.01 - EP US); **C23C 16/00** (2013.01 - KR); **C23C 28/042** (2013.01 - EP US); **C23C 28/42** (2013.01 - EP US); **G02B 1/105** (2020.05 - EP); **G02B 1/14** (2015.01 - EP US); **G02B 5/285** (2013.01 - EP US); **C03C 2217/734** (2013.01 - EP US); **C03C 2218/156** (2013.01 - EP US); **C03C 2218/322** (2013.01 - EP US); **Y10T 428/12576** (2015.01 - EP US); **Y10T 428/12611** (2015.01 - EP US)

Designated contracting state (EPC)

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