

Title (en)

Layer for protection against oxydation

Title (de)

Oxidationsschutzschicht

Title (fr)

Couche protective contre l'oxydation

Publication

EP 0798402 B1 19990512 (DE)

Application

EP 97200888 A 19970324

Priority

AT 17096 U 19960327

Abstract (en)

[origin: EP0798402A1] In an oxidation protective layer of silicon containing 1-14 wt.% boron on a substrate of refractory metal selected from molybdenum, tungsten, tantalum, niobium and their alloys or composite materials, the layer also contains 0.1-4 wt.% carbon.

IPC 1-7

C23C 30/00

IPC 8 full level

B32B 15/04 (2006.01); **C23C 4/10** (2006.01); **C23C 30/00** (2006.01)

CPC (source: EP US)

C23C 30/00 (2013.01 - EP US); **Y10T 428/12576** (2015.01 - EP US); **Y10T 428/12604** (2015.01 - EP US); **Y10T 428/12625** (2015.01 - EP US); **Y10T 428/12819** (2015.01 - EP US); **Y10T 428/12826** (2015.01 - EP US); **Y10T 428/1284** (2015.01 - EP US); **Y10T 428/31678** (2015.04 - EP US)

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0798402 A1 19971001; **EP 0798402 B1 19990512**; AT 1251 U1 19970127; DE 59700159 D1 19990617; ES 2135281 T3 19991016; JP 4064490 B2 20080319; JP H1053854 A 19980224; US 5776550 A 19980707

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