

Title (en)

METAL COMPONENTS WITH SILICON-CONTAINING PROTECTIVE COATINGS AND METHODS OF FORMING SUCH PROTECTIVE COATINGS

Title (de)

METALLTEILE MIT SILIZIUMHALTIGEN SCHUTZSCHICHTEN UND VERFAHREN ZUR BILDUNG SOLCHER SCHUTZSCHICHTEN

Title (fr)

COMPOSANTS METALLIQUES AVEC REVETEMENTS PROTECTEURS AU SILICIUM ET PROCEDES DE FORMATION DE CES REVETEMENTS PROTECTEURS

Publication

EP 1834009 B1 20160720 (EN)

Application

EP 05853894 A 20051212

Priority

- US 2005045078 W 20051212
- US 2004041896 W 20041213

Abstract (en)

[origin: WO2006065819A2] A metal component (10) with a protective coating (16) containing silicon and a process for forming such protective coatings (14). The protective coating (16) is formed by applying a silicon-containing fluid composition to the metal component (10) as a silicon-containing layer (12) and heating the silicon-containing layer (12) to a temperature exceeding 400°F.

IPC 8 full level

C23C 18/06 (2006.01); **C23C 18/12** (2006.01); **C23C 22/48** (2006.01); **C23C 22/74** (2006.01)

CPC (source: EP)

C23C 18/06 (2013.01); **C23C 18/1212** (2013.01); **C23C 18/1241** (2013.01); **C23C 18/1275** (2013.01); **C23C 18/1279** (2013.01); **C23C 22/48** (2013.01); **C23C 22/74** (2013.01)

Citation (examination)

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