

Title (en)

NOVEL WEAR-RESISTANT FILMS AND A METHOD FOR THE PRODUCTION AND FOR THE USE THEREOF

Title (de)

NEUE VERSCHLEISSCHUTZFOLIEN, SOWIE EIN VERFAHREN ZU DEREN HERSTELLUNG UND DEREN VERWENDUNG

Title (fr)

NOUVELLES FEUILLES DE PROTECTION CONTRE L'USURE, PROCÉDÉ DE FABRICATION ET UTILISATION ASSOCIÉS

Publication

EP 2344297 A1 20110720 (DE)

Application

EP 09736139 A 20091006

Priority

- EP 2009007156 W 20091006
- US 10409508 P 20081009

Abstract (en)

[origin: WO2010040498A1] The present application relates to wear-resistant films containing hard material particles having a metal casing, and solder material particles selected from the group of soft solders, hard solders, or high-temperature solders, to the use of the wear-resistant films, and to a method for the production thereof by means of film casting method.

IPC 8 full level

B23K 35/02 (2006.01); **B22F 1/00** (2022.01); **B22F 1/17** (2022.01); **B22F 1/18** (2022.01); **B22F 7/06** (2006.01); **B23K 35/30** (2006.01); **B23K 35/36** (2006.01); **C08K 3/14** (2006.01); **C23C 24/10** (2006.01)

CPC (source: EP KR US)

B22F 1/00 (2013.01 - EP KR US); **B22F 1/17** (2022.01 - EP KR US); **B22F 1/18** (2022.01 - EP KR US); **B23K 35/02** (2013.01 - KR); **B23K 35/262** (2013.01 - EP US); **B23K 35/30** (2013.01 - KR); **B23K 35/3006** (2013.01 - EP US); **B23K 35/3033** (2013.01 - EP US); **B23K 35/3046** (2013.01 - EP US); **B23K 35/327** (2013.01 - EP US); **B23K 35/36** (2013.01 - KR); **B23K 35/3613** (2013.01 - EP US); **C22C 29/06** (2013.01 - EP US); **C22C 29/14** (2013.01 - EP US); **C22C 32/0047** (2013.01 - EP US); **C23C 24/103** (2013.01 - EP US); **Y10T 156/10** (2015.01 - EP US); **Y10T 428/12028** (2015.01 - EP US)

Citation (search report)

See references of WO 2010040498A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

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DOCDB simple family (publication)

WO 2010040498 A1 20100415; **WO 2010040498 A8 20100715**; CA 2739958 A1 20100415; CN 102256740 A 20111123; EP 2344297 A1 20110720; JP 2012505079 A 20120301; KR 20110066975 A 20110617; RU 2011118125 A 20121120; US 2010196734 A1 20100805

DOCDB simple family (application)

EP 2009007156 W 20091006; CA 2739958 A 20091006; CN 200980149420 A 20091006; EP 09736139 A 20091006; JP 2011530406 A 20091006; KR 20117010608 A 20091006; RU 2011118125 A 20091006; US 57575309 A 20091008