

Title (en)

Method for adhering a hard coating to a substrate and coated substrate

Title (de)

Verfahren zum Aufbringen einer harten Beschichtung auf einen Gegenstand und beschichteter Gegenstand

Title (fr)

Procédé pour appliquer un revêtement dur sur un substrat et substrat revêtu

Publication

EP 1048751 B1 20041027 (DE)

Application

EP 00810336 A 20000418

Priority

CH 79099 A 19990429

Abstract (en)

[origin: EP1048751A1] The surface (5) of the object (3) is pretreated, to receive the coating (1) containing distributed diamond crystals. An Independent claim is included for the high thermal conductivity-, especially aluminum, object so coated.

IPC 1-7

C23C 30/00; **C23C 28/00**; **C23C 4/02**; **C23C 4/04**; **C23C 4/10**; **A47J 36/02**; **B05D 5/08**

IPC 8 full level

C23C 4/02 (2006.01); **C23C 4/04** (2006.01); **C23C 4/10** (2016.01); **C23C 28/00** (2006.01); **C23C 30/00** (2006.01)

CPC (source: EP)

C23C 4/02 (2013.01); **C23C 4/04** (2013.01); **C23C 4/10** (2013.01); **C23C 28/00** (2013.01); **C23C 30/00** (2013.01)

Citation (examination)

- EP 0510546 B1 19950329 - PTG PLASMA OBERFLAECHENTECH [DE]
- EP 0365485 A1 19900425 - HORT REVETEMENTS SA [CH]

Cited by

EP2586891A1; EP2592174A1; CN106435564A; CN109930103A; DE102005037338A1; EP2586892A3; US10371004B2; DE202023102922U1; US7811664B2; WO2013072092A1; JP2014091833A; US7858188B2; EP2332661A1; EP2586892A2; US9725809B2

DOCDB simple family (publication)

EP 1048751 A1 20001102; **EP 1048751 B1 20041027**; AT E280850 T1 20041115; DE 50008380 D1 20041202

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