

Title (en)

OBJECT WITH A HIGH-TEMPERATURE-RESISTANT OMNIPHOBIC NON-STICK COATING, AND METHOD FOR PRODUCING SUCH AN OBJECT

Title (de)

GEGENSTAND MIT EINER HOCHTEMPERATURBESTÄNDIGEN OMNIPHOBEN ANTIHAFTBESCHICHTUNG, SOWIE VERFAHREN ZUR HERSTELLUNG DES GEGENSTANDS

Title (fr)

OBJET MUNI D'UN REVÊTEMENT ANTI-ADHÉSIF OMNIPHOBES RÉSISTANT AUX TEMPÉRATURES ÉLEVÉES ET PROCÉDÉ DE FABRICATION DUDIT OBJET

Publication

EP 3728156 A1 20201028 (DE)

Application

EP 18807983 A 20181123

Priority

- DE 102017223680 A 20171222
- EP 2018082347 W 20181123

Abstract (en)

[origin: WO2019120879A1] The invention relates to an object having a high-temperature-resistant omniphobic non-stick coating, comprising an inorganic substrate, an adhesion promoter layer containing amorphous silicon dioxide, and an omniphobic non-stick coating, as well as to a method for producing such an object.

IPC 8 full level

C03C 17/34 (2006.01)

CPC (source: EP US)

B05D 5/083 (2013.01 - EP); **B05D 7/14** (2013.01 - EP); **C03C 17/34** (2013.01 - EP); **C03C 17/42** (2013.01 - EP); **C09D 5/002** (2013.01 - US); **C09D 7/61** (2017.12 - US); **C09D 183/04** (2013.01 - US); **C23C 16/0227** (2013.01 - US); **C23C 16/0272** (2013.01 - US); **C23C 16/04** (2013.01 - EP); **C23C 16/402** (2013.01 - EP US); **C23C 16/453** (2013.01 - EP); **C23C 16/50** (2013.01 - US); **C23D 13/00** (2013.01 - EP); **B05D 3/142** (2013.01 - EP); **B05D 2350/63** (2013.01 - EP); **C03C 2217/43** (2013.01 - EP); **C03C 2217/478** (2013.01 - EP); **C03C 2217/76** (2013.01 - EP); **C03C 2217/78** (2013.01 - EP)

Citation (search report)

See references of WO 2019120879A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102017223680 A1 20190627; CN 111465585 A 20200728; EP 3728156 A1 20201028; US 2021071009 A1 20210311; WO 2019120879 A1 20190627

DOCDB simple family (application)

DE 102017223680 A 20171222; CN 201880081308 A 20181123; EP 18807983 A 20181123; EP 2018082347 W 20181123; US 201816772202 A 20181123