

Title (en)

NON-STICK COATING HAVING IMPROVED SCRATCH AND ABRASION RESISTANCE

Title (de)

ANTIHAFTBESCHICHTUNG MIT VERBESSERTER KRATZ- UND ABRIEBFESTIGKEIT

Title (fr)

REVETEMENT ANTI-ADHESIF PRESENTANT UNE RESISTANCE AMELIOREE A LA RAYURE ET A L'ABRASION

Publication

**EP 1419016 A1 20040519 (FR)**

Application

**EP 02700369 A 20020122**

Priority

- FR 0200260 W 20020122
- FR 0110021 A 20010726

Abstract (en)

[origin: US2004261932A1] The non-stick coating of the invention comprises at least one primer layer comprising a fluorocarbon resin and inorganic particles, the primer layer being applied on a support and covered in one or more finishing layers based on fluorocarbon resin. The inorganic particles are ceramic particles having a mean diameter less than 4 µm. The coating is particularly suitable for cooking utensils.

IPC 1-7

**B05D 5/08**

IPC 8 full level

**B05D 5/08** (2006.01); **B05D 7/00** (2006.01)

CPC (source: EP US)

**B05D 5/083** (2013.01 - EP US); **B05D 7/582** (2013.01 - EP US); **Y10T 428/12569** (2015.01 - EP US)

Cited by

US7270318B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 03009947 A1 20030206**; **WO 03009947 B1 20040527**; AT E332762 T1 20060815; DE 60213102 D1 20060824; DE 60213102 T2 20070215; EP 1419016 A1 20040519; EP 1419016 B1 20060712; ES 2267976 T3 20070316; FR 2827869 A1 20030131; FR 2827869 B1 20070413; TW I296640 B 20080511; US 2004261932 A1 20041230

DOCDB simple family (application)

**FR 0200260 W 20020122**; AT 02700369 T 20020122; DE 60213102 T 20020122; EP 02700369 A 20020122; ES 02700369 T 20020122; FR 0110021 A 20010726; TW 91116619 A 20020725; US 48476104 A 20040820