

Title (en)

Process for manufacturing of coatings with structured surface, applied especially for pencils, and object with structured surface

Title (de)

Verfahren zur Herstellung von Beschichtungen mit strukturierter Oberfläche, verwendet insbesondere für Stifte, und Gegenstand mit strukturierter Oberfläche

Title (fr)

Procédé de fabrication de revêtements avec une surface structurée, appliqué particulièrement pour des crayons, et objet avec une surface structurée

Publication

EP 1700713 A1 20060913 (DE)

Application

EP 05005101 A 20050309

Priority

EP 05005101 A 20050309

Abstract (en)

The method involves application of the coating (4) on the part of the surface (3), which contains expandable particles. In the surface range of the coating, the particle to be expanded are brought, through which a raised structure develops in this surface range. The method also involves use of thermally expandable particles.

IPC 8 full level

B43K 19/14 (2006.01); **B05D 5/00** (2006.01); **B05D 5/06** (2006.01); **B43K 19/16** (2006.01); **B44C 1/00** (2006.01); **B44C 1/20** (2006.01); **B44C 3/04** (2006.01)

CPC (source: EP US)

B05D 5/00 (2013.01 - EP US); **B05D 5/061** (2013.01 - EP US); **B43K 19/14** (2013.01 - EP US); **B43K 19/16** (2013.01 - EP US); **B43K 23/008** (2013.01 - EP US); **B44C 1/18** (2013.01 - EP US); **B05D 7/06** (2013.01 - EP US); **Y10T 428/24479** (2015.01 - EP US); **Y10T 428/24496** (2015.01 - EP US); **Y10T 428/24595** (2015.01 - EP US); **Y10T 428/249975** (2015.04 - EP US); **Y10T 428/25** (2015.01 - EP US); **Y10T 428/31989** (2015.04 - EP US)

Citation (search report)

[X] GB 1442823 A 19760714 - PRATT LAMBERT INC

Cited by

EP2452827A1; DE102010030539A1; EP1785197A3; EP2415615A1; EP2110185A1; FR2905598A1; EP2008724A1; EP2479040A1; US7909525B2; EP2184179A1; DE202009014620U1

Designated contracting state (EPC)

AT CZ DE FR

DOCDB simple family (publication)

EP 1700713 A1 20060913; **EP 1700713 B1 20071010**; AT E375260 T1 20071015; BR PI0600811 A 20061107; BR PI0600811 B1 20160927; CN 100490995 C 20090527; CN 1830580 A 20060913; DE 202005021097 U1 20070301; DE 502005001677 D1 20071122; MX PA06002606 A 20060908; PE 20061259 A1 20061207; US 2006204743 A1 20060914; US 7351469 B2 20080401

DOCDB simple family (application)

EP 05005101 A 20050309; AT 05005101 T 20050309; BR PI0600811 A 20060309; CN 200610058952 A 20060309; DE 202005021097 U 20050309; DE 502005001677 T 20050309; MX PA06002606 A 20060307; PE 2006000248 A 20060306; US 37243606 A 20060309