

Title (en)

METHOD FOR PROCESSING A STRUCTURED SURFACE OF AN EMBOSSING TOOL

Title (de)

VERFAHREN ZUR BEARBEITUNG EINER STRUKTURIERTEN OBERFLÄCHE EINES PRÄGEWERKZEUGES

Title (fr)

PROCÉDÉ DE TRAITEMENT DE LA SURFACE STRUCTURÉE D'UN OUTIL DE GAUFRAGE

Publication

EP 2497650 B1 20231011 (DE)

Application

EP 11001986 A 20110310

Priority

EP 11001986 A 20110310

Abstract (en)

[origin: EP2497650A1] The method involves providing a surface with a metallic coating (6) and providing another metallic coating with different gloss levels in selected areas (7,8,9,10,11). The different gloss levels are produced on the former coating in the multiple selected areas. The gloss levels are produced by combination of metallic coating and mechanical or chemical finishing operations.

IPC 8 full level

B44B 5/02 (2006.01)

CPC (source: EP US)

B05D 5/00 (2013.01 - EP US); **B30B 15/062** (2013.01 - EP); **B44B 5/026** (2013.01 - EP US); **C25F 3/16** (2013.01 - EP US)

Citation (opposition)

Opponent : SESA S.p.A.

- EP 2060658 A2 20090520 - HUECK ENGRAVING GMBH & CO KG [DE]
- EP 2045363 A1 20090408 - SPANOLUX N V DIV BALTERIO [BE]
- EP 2123476 A2 20091125 - FLOORING IND LTD SARL [LU]

Cited by

DE102019127655A1; AT519302A1; AT519302B1; CN109514674A; DE102019127657A1; EP3141399A1; ITUB20153556A1; KR20230125083A; AU2022383010A1; EP3088173A1; US10563309B1; KR20230121936A; AU2022381375A1; WO2021074065A1; WO2013163971A1; WO2021074063A1; WO2021074066A1; WO2023078731A1; WO2023078730A1; EP3141399B1

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

DOCDB simple family (publication)

EP 2497650 A1 20120912; EP 2497650 B1 20231011; EP 2497650 C0 20231011; CA 2817270 A1 20120913; CA 2817270 C 20171121; CN 103313860 A 20130918; CN 103313860 B 20160330; CY 1120708 T1 20191211; EP 2626216 A1 20130814; EP 2626216 B1 20180711; ES 2688298 T3 20181031; JP 2014504965 A 20140227; JP 6213774 B2 20171018; PL 2626216 T3 20181231; PT 2626216 T 20181022; RU 2013122408 A 20141127; RU 2582445 C2 20160427; US 2013299454 A1 20131114; US 2015343835 A1 20151203; US 9138774 B2 20150922; US 9561524 B2 20170207; WO 2012119586 A1 20120913

DOCDB simple family (application)

EP 11001986 A 20110310; CA 2817270 A 20120308; CN 201280004183 A 20120308; CY 181100987 T 20180925; DE 2012000223 W 20120308; EP 13000993 A 20110310; ES 13000993 T 20110310; JP 2013541209 A 20120308; PL 13000993 T 20110310; PT 13000993 T 20110310; RU 2013122408 A 20120308; US 201213991424 A 20120308; US 201514826220 A 20150814