

Title (en)
LASER TREATMENT OF MASKING EDGES

Title (de)
LASERBEHANDLUNG VON MASKIERUNGSKANTEN

Title (fr)
TRAITEMENT LASER DES LISIERES DE MAROUFFAGE

Publication
EP 3706922 A1 20200916 (FR)

Application
EP 18793687 A 20181105

Priority
• FR 1760400 A 20171106
• EP 2018080083 W 20181105

Abstract (en)
[origin: WO2019086644A1] A method for depositing a decorative covering (3) by spraying onto a trim component (1) at the surface of which a first area (10) to be rendered free of decorative coating is defined, delimited by an edge according to a first given contour (11), which involves carrying out the following steps: – Step A: depositing, on said first area (10), a temporary masking element (2), the entire surface area of which lies within said first area (10), the part covered by the temporary masking element defining a second area (20) delimited by a second contour (21), – Step B: depositing one or more layers of decorative covering (3) on the entire surface area of the trim component (1), and allowing the decorative covering to cure for a predetermined period, – Step C: removing the temporary masking element (2) and, – Step D: using a pulsed laser, removing the layer of decorative covering (3) located between the second (21) and first (11) contours.

IPC 8 full level
B05D 1/32 (2006.01); **B05D 3/06** (2006.01); **B08B 7/00** (2006.01); **B23K 26/361** (2014.01); **B23K 26/40** (2014.01); **B44C 1/22** (2006.01); **B44C 3/00** (2006.01)

CPC (source: EP)
B05D 1/322 (2013.01); **B05D 3/06** (2013.01); **B23K 26/0622** (2015.10); **B23K 26/0853** (2013.01); **B23K 26/362** (2013.01); **B23K 26/402** (2013.01); **B08B 7/0042** (2013.01); **B23K 2101/006** (2018.07); **B23K 2101/34** (2018.07); **B23K 2103/42** (2018.07); **B44C 1/228** (2013.01); **B44C 3/005** (2013.01)

Citation (search report)
See references of WO 2019086644A1

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)
WO 2019086644 A1 20190509; CN 111328297 A 20200623; EP 3706922 A1 20200916; FR 3073156 A1 20190510; FR 3073156 B1 20191018

DOCDB simple family (application)
EP 2018080083 W 20181105; CN 201880072961 A 20181105; EP 18793687 A 20181105; FR 1760400 A 20171106