Title (en)
METHOD FOR PARTIALLY GRINDING A SURFACE AND GRINDING DEVICE FOR CARRYING OUT THE METHOD

Title (de)
VERFAHREN ZUM PARTIELLEN SCHLEIFEN EINER OBERFLÄCHE SOWIE SCHLEIFEINRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)
PROCÉDÉ SERVANT À PONCER DE MANIÈRE PARTIELLE UNE SURFACE ET DISPOSITIF DE PONÇAGE SERVANT À METTRE EN OEUVRE LE PROCÉDÉ

Publication
EP 3612351 B1 20201209 (DE)

Application
EP 18718783 A 20180416

Priority
• DE 102017108191 A 20170418
• EP 2018059660 W 20180416

Abstract (en)
[origin: CA3059530A1] The invention relates to a method for removing a flaw on a treated, in particular finally painted surface by grinding, wherein, after the flaw has been detected, a flexible abrasive sheet is moved to the surface and is pressed against the flaw to be machined, is designed in such a way that the flaw is detected by means of a sensor system, which is operatively connected to a robotic arm (2) carrying the one grinding plate (3), the abrasive sheet, which is designed as an abrasive belt (5), being fed to the grinding plate and the abrasive sheet being pressed against the flaw.

IPC 8 full level
B24B 27/033 (2006.01); **B24B 49/12** (2006.01); **B24B 49/16** (2006.01)

CPC (source: EP KR RU US)
B24B 17/028 (2013.01 - KR); **B24B 21/06** (2013.01 - US); **B24B 23/06** (2013.01 - EP); **B24B 27/033** (2013.01 - EP KR RU); **B24B 49/12** (2013.01 - EP KR); **B24B 49/16** (2013.01 - EP KR)

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)
DE 102017108191 A1 20181018; BR 112019021124 A2 20200519; CA 3059530 A1 20181025; CN 110545956 A 20191206; CN 110545956 B 20221202; EP 3612351 A1 20200226; EP 3612351 B1 20201209; ES 2848076 T3 20210805; HU E052740 T2 20210528; JP 2020517483 A 20200618; KR 102544053 B1 20230614; KR 20190141170 A 20191223; MX 2019012183 A 20200121; PL 3612351 T3 20210726; PT 3612351 T 20210118; RU 2019134257 A 20210518; RU 2019134257 A3 20210705; RU 2755910 C2 20210922; SI 3612351 T1 20210430; US 2021008682 A1 20210114; WO 2018192871 A1 20181025; ZA 201906480 B 20200826

DOCDB simple family (application)
DE 102017108191 A 20170418; BR 112019021124 A 20180416; CA 3059530 A 20180416; CN 201880025467 A 20180416; EP 18718783 A 20180416; EP 2018059660 W 20180416; ES 18718783 T 20180416; HU E18718783 A 20180416; JP 2020507745 A 20180416; KR 20197032778 A 20180416; MX 2019012183 A 20180416; PL 18718783 T 20180416; PT 18718783 T 20180416; RU 2019134257 A 20180416; SI 201830216 T 20180416; US 201816605939 A 20180416; ZA 201906480 A 20191002