

Title (en)
DEVICE AND METHOD FOR PRODUCING A MATT SURFACE

Title (de)
VORRICHTUNG UND VERFAHREN ZUM MATTIEREN EINER OBERFLÄCHE

Title (fr)
DISPOSITIF ET PROCÉDÉ POUR PRODUCTION D'UNE SURFACE MATE

Publication
EP 3578297 B1 20211222 (DE)

Application
EP 18175773 A 20180604

Priority
EP 18175773 A 20180604

Abstract (en)
[origin: WO2019233839A1] The invention relates to a device (1, 1A) for matting a surface (12), having a nozzle (3, 3A), which has a blasting chamber (4, 4A) for blasting a workpiece (10, 10A) with an abrasive blasting material, wherein the blasting chamber (4, 4A) has, on at least one of the sides of same, at least one flat interaction opening (5.2), which is provided for being interlockingly placed onto at least one surface (12) to be matted, the blasting chamber (4, 4A) being closed as a result. According to the invention, the workpiece (10, 10A) and the nozzle (3, 3A) remain rigid with respect to one another during the blasting process, wherein a direction of a blasting agent blast (9) of abrasive material within the blasting chamber (4, 4A) can be oriented approximately parallel or at an angle of less than 30° to the interaction opening (5.2) and to the surface (12) to be matted.

IPC 8 full level
B24C 1/06 (2006.01); **B24C 3/04** (2006.01); **B24C 5/04** (2006.01); **B24C 9/00** (2006.01)

CPC (source: EP)
B24C 1/06 (2013.01); **B24C 3/04** (2013.01); **B24C 5/04** (2013.01); **B24C 9/003** (2013.01)

Cited by
DE102020124668B3; DE102020122129B3

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 3578297 A1 20191211; **EP 3578297 B1 20211222**; CN 112105483 A 20201218; CN 112105483 B 20220527; WO 2019233839 A1 20191212

DOCDB simple family (application)
EP 18175773 A 20180604; CN 201980031167 A 20190529; EP 2019063913 W 20190529