

Title (en)

DEVICE FOR REMOVING MATERIAL FROM A SURFACE

Title (de)

VORRICHTUNG ZUM ABTRAGEN VON MATERIAL VON EINER UNTERLAGE

Title (fr)

DISPOSITIV POUR LA REMOITION DE MATERIAUX D'UNE SURFACE

Publication

**EP 3634656 B1 20201111 (DE)**

Application

**EP 18729403 A 20180605**

Priority

- DE 102017209704 A 20170608
- EP 2018064698 W 20180605

Abstract (en)

[origin: WO2018224469A1] The invention relates to a device for partially removing the coating of a metal plate, having the following features: - a die and a punch which together form a gap through which the metal plate is fed; - a drive for generating a movement of the die and the punch relative to the metal plate; wherein - the die has a protruding blade on the die surface facing the metal plate, the cutting edge of said blade pointing in the direction opposite to the movement direction of the metal plate; and - a pressing device for pressing together the die and the punch; - said punch having a roller which rolls on the metal plate surface opposite the blade.

IPC 8 full level

**B08B 1/00** (2006.01)

CPC (source: EP US)

**B08B 1/165** (2024.01 - EP US); **B08B 1/32** (2024.01 - US); **B08B 1/34** (2024.01 - EP)

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 102017209704 A1 20181213**; CN 110709177 A 20200117; CN 110709177 B 20220215; EP 3634656 A1 20200415;  
EP 3634656 B1 20201111; ES 2847850 T3 20210804; US 2020130019 A1 20200430; WO 2018224469 A1 20181213

DOCDB simple family (application)

**DE 102017209704 A 20170608**; CN 201880037063 A 20180605; EP 18729403 A 20180605; EP 2018064698 W 20180605;  
ES 18729403 T 20180605; US 201816620174 A 20180605