

Title (en)  
DEVICE FOR DETACHING AT LEAST ONE BURR FROM AN OPENING OF AT LEAST ONE TRANSVERSE BOREHOLE OF A WORKPIECE,  
DRILLING STATION HAVING THE DEVICE AND METHOD FOR DETACHING THE AT LEAST ONE BURR USING THE DRILLING STATION

Title (de)  
VORRICHTUNG ZUM LÖSEN MINDESTENS EINES GRATS VON EINER MÜNDUNG MINDESTENS EINES QUER-BOHRLOCHS EINES  
WERKSTÜCKS, BOHRSTATION MIT DER VORRICHTUNG UND VERFAHREN ZUM LÖSEN DES MINDESTENS EINEN GRATS MIT DER  
BOHRSTATION

Title (fr)  
DISPOSITIF DE DÉTACHEMENT D'AU MOINS UNE BAVURE D'UNE EMBOUCHURE D'AU MOINS UN TROU PERCÉ TRANSVERSAL D'UNE  
PIÈCE, STATION DE PERÇAGE POURVUE DU DISPOSITIF ET PROCÉDÉ DE DÉTACHEMENT DE LA OU DES BAVURES AU MOYEN DE LA  
STATION DE PERÇAGE

Publication  
**EP 3676036 A1 20200708 (DE)**

Application  
**EP 18753050 A 20180726**

Priority  
• DE 102017119966 A 20170831  
• DE 2018100668 W 20180726

Abstract (en)  
[origin: WO2019042491A1] A device (1) for detaching at least one burr (2) from an opening (3) of at least one transverse borehole (4) of a workpiece (5), wherein the device (1) has an elongate shank (7), wherein the shank (7) can be introduced into a longitudinal borehole (11) of the workpiece (5) and can be positioned therein. To avoid the shank (7) colliding with at least one drill (12) for drilling the at least one transverse borehole (4), the device (1) has at least one fillet (13).

IPC 8 full level  
**B23B 51/10** (2006.01); **B23B 35/00** (2006.01); **B23B 51/00** (2006.01)

CPC (source: EP US)  
**B23B 35/00** (2013.01 - EP); **B23B 51/009** (2013.01 - EP); **B23B 51/105** (2013.01 - EP US); **B23B 35/00** (2013.01 - US);  
**B23B 2215/16** (2013.01 - EP US); **B23B 2215/20** (2013.01 - EP US); **B23B 2215/24** (2013.01 - EP); **B23B 2251/46** (2013.01 - EP)

Citation (search report)  
See references of WO 2019042491A1

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)  
**DE 102017119966 A1 20190228**; **DE 102017119966 B4 20211014**; CN 111050963 A 20200421; CN 111050963 B 20210824;  
EP 3676036 A1 20200708; US 2020246882 A1 20200806; WO 2019042491 A1 20190307

DOCDB simple family (application)  
**DE 102017119966 A 20170831**; CN 201880056317 A 20180726; DE 2018100668 W 20180726; EP 18753050 A 20180726;  
US 201816641860 A 20180726