

Title (en)  
TOOL HOLDER

Title (de)  
WERKZEUGTRÄGER

Title (fr)  
PORTE-OUTIL

Publication  
**EP 3781341 A1 20210224 (DE)**

Application  
**EP 19715135 A 20190409**

Priority  
• EP 18167669 A 20180417  
• EP 2019058976 W 20190409

Abstract (en)  
[origin: WO2019201681A1] The invention relates to a tool holder (1) comprising a tool zone and a tool interface zone (2), wherein the tool interface zone (2) comprises a rotationally symmetrical outer surface that extends over a predefined axial length and the tool interface zone (2) has sections with a non-circular cross-section.

IPC 8 full level  
**B23B 31/00** (2006.01)

CPC (source: EP US)  
**B23B 31/006** (2013.01 - EP US); **B23B 2231/0208** (2013.01 - US); **B23B 2231/0244** (2013.01 - EP US); **B23B 2231/0268** (2013.01 - US)

Citation (search report)  
See references of WO 2019201681A1

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)  
**EP 3556494 A1 20191023**; DE 202019005551 U1 20210326; EP 3781341 A1 20210224; US 2021170496 A1 20210610;  
WO 2019201681 A1 20191024

DOCDB simple family (application)  
**EP 18167669 A 20180417**; DE 202019005551 U 20190409; EP 19715135 A 20190409; EP 2019058976 W 20190409;  
US 201917048270 A 20190409