

Title (en)
CUTTING INSERT FOR RECESS MACHINING, CUTTING INSERT KIT HAVING TWO SUCH CUTTING INSERTS, CUTTING INSERT HOLDER FOR SUCH CUTTING INSERTS, AND METHOD FOR PRODUCING A RECESS

Title (de)
SCHNEIDPLATTE ZUR EINSTICHBEARBEITUNG, SCHNEIDPLATTEN-KIT MIT ZWEI SOLCHEN SCHNEIDPLATTEN, SCHNEIDPLATTENHALTER FÜR SOLCHE SCHNEIDPLATTEN, UND VERFAHREN ZUM HERSTELLEN EINES EINSTICHS

Title (fr)
PLAQUETTE DE COUPE POUR USINAGE D'ENTAILLE, KIT DE PLAQUETTES DE COUPE COMPRENANT DEUX DESDITES PLAQUETTES DE COUPE, SUPPORT DE PLAQUETTE DE COUPE POUR DE TELLES PLAQUETTES DE COUPE, ET PROCÉDÉ POUR PRODUIRE UNE ENTAILLE

Publication
EP 4251354 A1 20231004 (DE)

Application
EP 21820519 A 20211125

Priority
• DE 102020214901 A 20201126
• EP 2021083054 W 20211125

Abstract (en)
[origin: WO2022112447A1] The invention relates to a cutting insert holder (29) having a central axis (M) and at least one first receptacle (31) for fastening a first cutting insert (1.1) to the cutting insert holder (29), and having at least one second receptacle (33) for fastening at least one second cutting insert (1.2) to the cutting insert holder (29), wherein the first receptacle (31) and the second receptacle (33) are arranged offset from one another in the circumferential direction about the central axis (M), wherein the first receptacle (31) and the second receptacle (33) are designed and arranged such that a first rake face (21.1), assigned to an active main lip (9.1), of a first cutting insert (1.1) arranged in the first receptacle (31) has a first orientation in the circumferential direction, wherein a second rake face (21.2), assigned to an active main lip (9.2), of a second cutting insert (1.2) arranged in the second receptacle (33) has a second orientation in the circumferential direction, wherein the first orientation is opposite to the second orientation when the first cutting insert (1.1) and the second cutting insert (1.2) are fastened to the cutting insert holder (29).

IPC 8 full level
B23B 27/04 (2006.01); **B23B 29/24** (2006.01)

CPC (source: EP KR US)
B23B 1/00 (2013.01 - EP KR US); **B23B 27/145** (2013.01 - EP KR US); **B23B 29/24** (2013.01 - EP KR US); **B23B 2200/0447** (2013.01 - EP KR US); **B23B 2200/369** (2013.01 - EP KR US); **B23B 2210/022** (2013.01 - EP KR US); **B23B 2220/08** (2013.01 - EP KR US); **B23B 2220/126** (2013.01 - EP KR US); **B23B 2226/125** (2013.01 - EP KR US); **B23B 2228/24** (2013.01 - EP KR US)

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022112447 A1 20220602; CA 3196366 A1 20220602; CN 116635178 A 20230822; DE 102020214901 A1 20220602; EP 4251354 A1 20231004; JP 2024502539 A 20240122; KR 20230106635 A 20230713; MX 2023006201 A 20230612; US 2024017329 A1 20240118

DOCDB simple family (application)
EP 2021083054 W 20211125; CA 3196366 A 20211125; CN 202180079395 A 20211125; DE 102020214901 A 20201126; EP 21820519 A 20211125; JP 2023531595 A 20211125; KR 20237018259 A 20211125; MX 2023006201 A 20211125; US 202118037134 A 20211125