

Title (en)

MULTI-PIECE ROLLING TOOL WITH FLOATING SUPPORT AND ROLLING MACHINE

Title (de)

MEHRSTÜCKIGES ROLLWERKZEUG MIT SCHWIMMENDER LAGERUNG UND ROLLMASCHINE

Title (fr)

OUTIL DE ROULAGE EN PLUSIEURS PARTIES COMPRENANT UN PALIER FLOTTANT ET MACHINE DE ROULAGE

Publication

EP 3609634 A2 20200219 (DE)

Application

EP 18718402 A 20180405

Priority

- EP 17165790 A 20170410
- DE 202017102146 U 20170410
- EP 2018058734 W 20180405

Abstract (en)

[origin: WO2018189028A2] A rolling tool (5) has a main body (6) for fastening of the rolling tool (5) in a rolling machine (1) and a profiled part (7) for the shaping treatment of a workpiece (2) to be rolled. The main body (6) and the profiled part (7) have a multi-piece design. The main body (6) and the profiled part (7), when connected to each other, are mounted so as to be movable relative to each other in a plane perpendicular to the rolling direction (23). The main body (6) of the rolling tool (5) can also be part of the rolling machine (1).

IPC 8 full level

B21H 3/04 (2006.01); **B21H 3/06** (2006.01); **B21H 5/02** (2006.01)

CPC (source: EP KR US)

B21H 3/04 (2013.01 - EP); **B21H 3/06** (2013.01 - EP KR US); **B21H 5/027** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2018189028A2

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)

WO 2018189028 A2 20181018; WO 2018189028 A3 20181227; CA 3061192 A1 20181018; CN 110494232 A 20191122; EP 3609634 A2 20200219; EP 3609634 B1 20220427; EP 3738691 A2 20201118; EP 3738691 A3 20210217; EP 3738691 B1 20230118; ES 2922105 T3 20220908; ES 2941609 T3 20230524; JP 2020519444 A 20200702; KR 102295928 B1 20210831; KR 20190134762 A 20191204; MX 2019011884 A 20191121; PL 3738691 T3 20230529; TW 201842988 A 20181216; TW I780142 B 20221011; US 11376651 B2 20220705; US 2020055110 A1 20200220

DOCDB simple family (application)

EP 2018058734 W 20180405; CA 3061192 A 20180405; CN 201880024173 A 20180405; EP 18718402 A 20180405; EP 20170850 A 20180405; ES 18718402 T 20180405; ES 20170850 T 20180405; JP 2019548874 A 20180405; KR 20197033116 A 20180405; MX 2019011884 A 20180405; PL 20170850 T 20180405; TW 107112281 A 20180410; US 201816603322 A 20180405