

Title (en)

ROLLING TOOL UNIT FOR A ROLLING MACHINE AND METHOD FOR REWORKING A ROLLING ROD

Title (de)

WALZWERKZEUGEINHEIT FÜR EINE WALZMASCHINE UND VERFAHREN ZUR NACHBEARBEITUNG EINER WALZSTANGE

Title (fr)

ENSEMBLE OUTIL DE LAMINAGE POUR MACHINE DE LAMINAGE ET PROCÉDÉ DE RÉUSINAGE DE TIGE DE LAMINAGE

Publication

**EP 4284575 A1 20231206 (DE)**

Application

**EP 21844303 A 20211222**

Priority

- DE 102021102040 A 20210129
- EP 2021087260 W 20211222

Abstract (en)

[origin: WO2022161713A1] The invention relates to a rolling tool unit (13), comprising a rolling rod (14) having a first rolling profile (15) on a first side (19) and having a second rolling profile (16) on a second side (20). The first side (19) and the second side (20) are interconnected by means of two side regions (28) each having a support structure. A support unit (17) has two support parts (44) extending in the longitudinal direction (x), which extend along the rolling rod (14) and each of which contacts the support structure of an associated side region (28). The support parts (44) are spaced apart from each other in a transverse direction (y) and support the rolling rod (14) indirectly on a base surface (42) of a base body (40). The rolling rod (14) can be arranged on the support parts (44) such that either the first rolling profile (15) or the second rolling profile (16) faces away from the base surface (42), while the other rolling profile (16) or (15) is located between the support parts (44) and the base body (40) without coming into contact with the base surface (42).

IPC 8 full level

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

CPC (source: EP)

**B21H 3/06** (2013.01); **B21H 5/027** (2013.01)

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)

**DE 102021102040 B3 20220519**; EP 4284575 A1 20231206; WO 2022161713 A1 20220804

DOCDB simple family (application)

**DE 102021102040 A 20210129**; EP 2021087260 W 20211222; EP 21844303 A 20211222