

Title (en)

HOT-ROLLING STAND FOR A HOT-ROLLING MILL AND FOR PRODUCING A FLAT METAL PRODUCT, HOT-ROLLING MILL AND METHOD FOR OPERATING A HOT-ROLLING MILL

Title (de)

WARMWALZGERÜST FÜR EIN WARMWALZWERK UND ZUM HERSTELLEN EINES METALLENEN FLACHPRODUKTS, WARMWALZWERK SOWIE VERFAHREN ZUM BETREIBEN EINES WARMWALZWERKS

Title (fr)

CAGE DE LAMINOIR À CHAUD POUR LAMINOIR À CHAUD ET POUR FABRIQUER UN PRODUIT MÉTALLIQUE PLAT, LAMINOIR À CHAUD ET PROCÉDÉ DE FONCTIONNEMENT D'UN LAMINOIR À CHAUD

Publication

EP 4072747 C0 20240207 (DE)

Application

EP 20830107 A 20201211

Priority

- DE 102019219318 A 20191211
- DE 102020201789 A 20200213
- DE 102020206174 A 20200515
- EP 2020085853 W 20201211

Abstract (en)

[origin: WO2021116460A1] The invention relates to a hot-rolling stand (10) for a hot-rolling mill, comprising an adjusting device (12), which is intended for receiving a pair (17) of work rolls and for positioning work rolls (18, 19; 20, 21) of the pair (17) of work rolls in relation to one another to define a rolling gap. In order to create a hot-rolling stand (10) that can be adapted as flexibly as possible, the adjusting device (12) is designed to interchangeably accommodate, in the pair (17) of work rolls, different roll-diameter ranges by means of mutually complementary work rolls (18, 19; 20, 21)."

IPC 8 full level

B21B 13/00 (2006.01); **B21B 31/20** (2006.01); **B21B 31/30** (2006.01)

CPC (source: EP US)

B21B 13/001 (2013.01 - EP US); **B21B 31/08** (2013.01 - US); **B21B 31/20** (2013.01 - EP); **B21B 31/203** (2013.01 - EP US); **B21B 31/30** (2013.01 - EP US); **B21B 31/32** (2013.01 - US); **B21B 31/08** (2013.01 - EP); **B21B 31/32** (2013.01 - EP); **B21B 2013/025** (2013.01 - EP); **B21B 2203/36** (2013.01 - EP US); **B21B 2265/14** (2013.01 - EP US); **B21B 2267/06** (2013.01 - EP 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

Participating member state (EPC – UP)

AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)

DE 102020215769 A1 20210617; CN 114786832 A 20220722; EP 4072747 A1 20221019; EP 4072747 B1 20240207; EP 4072747 C0 20240207; JP 2023510090 A 20230313; US 2023060110 A1 20230223; WO 2021116460 A1 20210617

DOCDB simple family (application)

DE 102020215769 A 20201211; CN 202080086181 A 20201211; EP 2020085853 W 20201211; EP 20830107 A 20201211; JP 2022535686 A 20201211; US 202017784354 A 20201211