

Title (en)

Cone piercing mill for producing seamless tubes

Title (de)

Kegelschrägwalzwerk zum Herstellen nahtloser Rohre

Title (fr)

Laminoir à cylindres obliques coniques pour la fabrication de tubes sans soudure

Publication

EP 2602031 B1 20150520 (DE)

Application

EP 12008068 A 20121201

Priority

DE 102011120783 A 20111209

Abstract (en)

[origin: EP2602031A1] The conical rolling mill has two conical rollers (6a,6b) and two guiding disks or Diescher disks that are driven in a roll stand (1) that is anchored on a base (3). The conical rollers are provided symmetric to roll axis (4) horizontally adjoining in the roll stand. Each roll stand side that is parallel with respect to roll axis with an installation window is formed for incorporating an insert (8) of the conical roller.

IPC 8 full level

B21B 19/02 (2006.01)

CPC (source: EP US)

B21B 19/02 (2013.01 - EP US); **B21B 31/10** (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

DOCDB simple family (publication)

EP 2602031 A1 20130612; EP 2602031 B1 20150520; CN 103157660 A 20130619; CN 103157660 B 20160427; JP 2013121620 A 20130620;
JP 5591311 B2 20140917; US 2013145808 A1 20130613; US 9067249 B2 20150630

DOCDB simple family (application)

EP 12008068 A 20121201; CN 201210526487 A 20121210; JP 2012269662 A 20121210; US 201213709162 A 20121210