

Title (en)

Rolling device for skew rolling tubular or rod-shaped milling products

Title (de)

Walzvorrichtung zum Schrägwalzen von rohr- oder stabförmigem Walzgut

Title (fr)

Dispositif de laminage destiné au laminage oblique de pièces de laminage tubulaires ou en forme de tiges

Publication

**EP 2116312 B1 20120530 (DE)**

Application

**EP 09005188 A 20090409**

Priority

DE 102008022161 A 20080505

Abstract (en)

[origin: EP2116312A1] The device has a roller (4) circulating around a longitudinal axis (3) of a milling product, where an axis (7) of the roller is inclined at the longitudinal axis. The roller stays in engagement with a sun gear (14) by a bevel gear (10) comprising external teeth (13), where the gear is connected with the roller in a torque-proof manner. The bevel gear is arranged, such that an axis of the bevel gear and the longitudinal axis lie in a common plane (Eo), where the bevel gear comprises internal teeth e.g. hollow wheel teeth, combing with a spur gear (17) comprising external teeth (18).

IPC 8 full level

**B21B 13/00** (2006.01)

CPC (source: EP)

**B21B 13/008** (2013.01); **B21B 35/12** (2013.01)

Cited by

DE102019123836A1; WO2021043374A1

Designated contracting state (EPC)

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 SE SI SK TR

DOCDB simple family (publication)

**EP 2116312 A1 20091111; EP 2116312 B1 20120530**; DE 102008022161 A1 20091112

DOCDB simple family (application)

**EP 09005188 A 20090409**; DE 102008022161 A 20080505