

Title (en)

Device and method for rolling hollow blanks

Title (de)

Vorrichtung und Verfahren zum Walzen von Rohrluppen

Title (fr)

Dispositif et procédé destinés au laminage d'ébauches de tubes

Publication

EP 2532449 A3 20130501 (DE)

Application

EP 12004330 A 20120606

Priority

DE 102011116666 A 20110607

Abstract (en)

[origin: EP2532449A2] The rolling device (1) has a feed motion channel (4), a pipe loop supply (8) and a pipe loop feed motion (5) that shifts the pipe loops from the feed motion channel through a planetary cross rolling mill (3). The pipe loop feed motion has a feed motion device (7). The device has a mandrel (11) and a mandrel bar holder (12). The pipe loop supply has an axial pipe loop feeder (9) which conveys the pipe loop axially in a supply position (10) which is provided axially behind the mandrel bar holder. The feed motion device has a plunger (13). An independent claim is included for a method for rolling tube loops with a planetary cross rolling mill.

IPC 8 full level

B21B 19/06 (2006.01); **B21B 23/00** (2006.01); **B21B 25/02** (2006.01)

CPC (source: EP US)

B21B 19/06 (2013.01 - EP US); **B21B 23/00** (2013.01 - EP US); **B21B 25/02** (2013.01 - EP US); **B21B 1/42** (2013.01 - EP US); **B21B 13/20** (2013.01 - EP US); **B21B 25/00** (2013.01 - EP US)

Citation (search report)

- [XDAY] DE 10126411 B4 20050203 - SMS DEMAG AG [DE]
- [XAY] DE 2657839 A1 19780622 - SCHLOEMANN SIEMAG AG
- [A] DE 3905559 A1 19900830 - ESW ROEHRENWERKE GMBH [DE]
- [XY] DE 102007014079 A1 20080925 - KOCKS TECHNIK GMBH & CO KG [DE]

Cited by

CN110369522A

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)

EP 2532449 A2 20121212; **EP 2532449 A3 20130501**; **EP 2532449 B1 20141001**; CN 102814331 A 20121212; CN 102814331 B 20160113; DE 102011116666 A1 20121213; DE 102011116666 B4 20150528; ES 2524900 T3 20141215; US 2012312062 A1 20121213; US 9616476 B2 20170411

DOCDB simple family (application)

EP 12004330 A 20120606; CN 201210273274 A 20120607; DE 102011116666 A 20110607; ES 12004330 T 20120606; US 201213489976 A 20120606