

Title (en)

Rolling mill and method for manufacturing helically shaped metal strips

Title (de)

Walzgerüst und Verfahren zum Herstellen von schraubenförmigen Metallbändern

Title (fr)

Dispositif de laminage et méthode de fabrication des bandes métalliques de forme hélicoïdale

Publication

**EP 1527830 B1 20080423 (EN)**

Application

**EP 04077892 A 20041022**

Priority

NL 1024637 A 20031028

Abstract (en)

[origin: EP1527830A1] The invention relates to a rolling mill for rolling helically shaped metal strips. The arrangement comprises a frame (9) with three rolls(10a,10b,11), of which at least one roll is mounted adjustable, a second conveyor track (15) via which a metal strip is supplied and a first conveyor track (12) onto which a first trolley (13) may slide onto which the second conveyor track (15) is connected. During rolling, the first trolley (13) will slide over the first conveyor track (12), which means that the rolling process will not be influenced by sideways acting forces. As soon as the metal strip approaches an end of the rolling mill, the adjustable roll may be released and the first trolley (13) may be moved back, after which the rolling process may be resumed.

IPC 8 full level

**B21D 5/14** (2006.01); **B21D 11/06** (2006.01)

CPC (source: EP)

**B21D 5/14** (2013.01); **B21D 11/06** (2013.01)

Cited by

CN106001207A; CN105499382A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1527830 A1 20050504**; **EP 1527830 B1 20080423**; AT E392961 T1 20080515; DE 602004013251 D1 20080605; DE 602004013251 T2 20090625; NL 1024637 C2 20050502

DOCDB simple family (application)

**EP 04077892 A 20041022**; AT 04077892 T 20041022; DE 602004013251 T 20041022; NL 1024637 A 20031028