

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 A1 20050504 (EN)**

Application

**EP 04077892 A 20041022**

Priority

NL 1024637 A 20031028

Abstract (en)

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 1-7

**B21D 5/14**; **B21D 11/06**

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)

Citation (search report)

- [XA] FR 1219379 A 19600517 - METAUX INOXYDABLES OUVRES
- [A] DE 1022445 B 19580109 - STEIRISCHE GUSSSTAHLWERKE
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Cited by

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DOCDB simple family (publication)

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