

Title (en)

ROD-SHAPED STEEL MATERIAL GUIDING METHOD AND GUIDING DEVICE

Title (de)

FÜHRUNGSVERFAHREN UND FÜHRUNGSVORRICHTUNG FÜR STABFÖRMIGES STAHLMATERIAL

Title (fr)

PROCÉDÉ DE GUIDAGE D'ACIER EN FORME DE TIGE ET DISPOSITIF DE GUIDAGE

Publication

EP 3028783 A4 20170412 (EN)

Application

EP 14863868 A 20141112

Priority

- JP 2013238585 A 20131119
- JP 2014080699 W 20141112

Abstract (en)

[origin: EP3028783A1] To prevent generation of scratches of straight stocks and improve quality of the straight stocks, and obtain a stable ring shape. Between a pinch roll P and a laying head H, first to third guidance equipments G1, G2, and G3 for guiding straight stocks are disposed, the first guidance equipment G1 on the most upstream side includes a plurality of bend forming roller guides G11 and G12 for giving a curvature enabling bending in a laying head H direction to the above-described straight stocks, the second guidance equipment G2 includes a plurality of directing roller guides G21 and G22 that guide the above-described straight stocks downstream, and the third guidance equipment on the most downstream side is contiguous to the second guidance equipment G2 and includes a plurality of bend-back forming roller guides G31 and G32 for bending back the above-described straight stocks in the laying head H direction to make them straight.

IPC 8 full level

B21B 39/00 (2006.01); **B21B 39/14** (2006.01); **B21C 47/14** (2006.01); **B21C 47/34** (2006.01)

CPC (source: EP)

B21C 47/34 (2013.01); **B21C 47/14** (2013.01)

Citation (search report)

- [XYI] CN 103157662 A 20130619 - DONGBEI SPECIAL STEEL GROUP CO LTD
- [XY] CN 202343821 U 20120725 - NANJING IRON & STEEL CO LTD
- [X] CN 201676902 U 20101222 - DONGYANG WONUOSI HARD ALLOY CO LTD
- [A] JP H02188377 A 19900724 - AICHI STEEL WORKS LTD
- [A] EP 0192386 A2 19860827 - KOTOBUKI SANGYO [JP], et al
- See references of WO 2015076316A1

Designated contracting state (EPC)

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