

Title (en)

Method and roll straightening device for straightening rails

Title (de)

Verfahren und Rollenrichtmaschine zum Richten von Schienen

Title (fr)

Méthode et dispositif de dressage à rouleaux pour le dressage des rails

Publication

EP 1201329 B1 20060419 (DE)

Application

EP 01125208 A 20011024

Priority

DE 10053933 A 20001031

Abstract (en)

[origin: EP1201329A2] To align and straighten rails (S) to be used in a railway permanent way, after cooling at the end of hot rolling, each rail is passed through an alignment machine (R). A group of alignment rollers (1-7) act on the rail foot (F) and a group of rollers align the rail head (K). The rollers of at least one group can be set against the rail and, as the rail moves through into the first three rollers, the distortion is established by comparison of the alignment rollers in the groups until the maximum distortion is reached. As the rail advances, the other rollers are set to counter the distortion by the measured amount to correct it into a straight rail.

IPC 8 full level

B21D 3/05 (2006.01); **B21D 3/00** (2006.01); **B21D 3/02** (2006.01)

CPC (source: EP)

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Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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