

Title (en)

Method and apparatus for interchanging ring rolls of a bar and wire rod mill

Title (de)

Verfahren und Vorrichtung zum Auswechseln von Walzringen eines Stabstahl- und Drahtwalzwerkes

Title (fr)

Procédé et dispositif pour le remplacement des bagues de laminage d'un laminoir à barres et à fils

Publication

EP 1184095 A3 20030716 (EN)

Application

EP 01304161 A 20010509

Priority

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- JP 2000330941 A 20001030

Abstract (en)

[origin: EP1184095A2] The present invention relates to a method and apparatus for changing ring rolls of a bar and wire rod mill which makes roll changing work easy and in particular to a method for changing only the ring rolls without disassembling the housing in accordance with an optimum process. The method for changing ring rolls in a bar and wire rod mill having a plurality of roll assemblies incorporated into a housing (8) and arranged in equiangular positions around a pass (16) comprises the steps of disengaging the interference fit between the spent ring rolls (2) (102) and the roll shaft (1)(101), withdrawing the spent ring rolls by moving the roll shaft in an axial direction, changing the spent ring rolls with new ring rolls in the housing (8), inserting the roll shaft into the new ring rolls, and engaging the new ring rolls in interference fit with the roll shaft (1) (101). Additionally, a main body of a bar and wire rod mill comprising a roll shaft suspending apparatus and a mechanism suitable for the method according to the present invention are provided. <IMAGE>

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CPC (source: EP KR US)

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Citation (search report)

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