

Title (en)

Rolling control method, rolling control apparatus and control program for a mandrel mill, and a method of manufacturing a seamless tube or pipe

Title (de)

Walzsteuerverfahren, Walzsteuervorrichtung und Steuerprogramm für ein Rohrwalzwerk sowie ein Verfahren zur Herstellung von nahtlosem Rohr oder nahtloser Rohrleitung

Title (fr)

Procédé de contrôle de roulement, appareil de contrôle de roulement et programme pour laminoir continu et procédé de fabrication de tube ou de conduit sans soudure

Publication

EP 2366467 A1 20110921 (EN)

Application

EP 11165550 A 20050630

Priority

- EP 05765198 A 20050630
- JP 2004192912 A 20040630

Abstract (en)

In a rolling control method for a mandrel mill M having a plurality of grooved rolls including a finishing stand #i by moving the rolling positions of first grooved rolls installed in the finishing stand outwards when rolling a pierced blank S in the finishing stand #i, when rolling the pierced blank in the closest upstream stand #(i-2) to the finishing stand 4i having the same roll-reducing directions, the rolling positions of second grooved rolls installed in the upstream stand #(i-2) are also moved outwards, thereby making it possible to accurately roll a pierced roll for the entire length of a portion such as the end portions to a desired wall thickness when manufacturing a seamless tube using the mandrel mill.

IPC 8 full level

B21B 17/02 (2006.01); **B21B 17/04** (2006.01); **B21B 37/78** (2006.01)

CPC (source: EP)

B21B 17/04 (2013.01); **B21B 37/78** (2013.01); **B21B 38/04** (2013.01)

Citation (applicant)

- JP H06190406 A 19940712 - SUMITOMO METAL IND
- JP H0871616 A 19960319 - SUMITOMO METAL IND

Citation (search report)

- [A] JP S63238906 A 19881005 - SUMITOMO METAL IND
- [AD] JP H06190406 A 19940712 - SUMITOMO METAL IND
- [A] JP S60154810 A 19850814 - SUMITOMO METAL IND
- [A] JP S63230214 A 19880926 - SUMITOMO METAL IND

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

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