Title (en)

ROLLING CONTROL METHOD FOR MANDREL MILL, ROLLING CONTROL DEVICE, CONTROL PROGRAM, AND SEAMLESS TUBE

Title (de)

WALZSTEUERVERFAHREN FÜR ROHRWALZWERK, WALZSTEUERVORRICHTUNG, STEUERPROGRAMM UND NAHTLOSES ROHR

Title (fr)

MÉTHODE DE COMMANDE DE LAMINAGE POUR LAMINOIR CONTINU, DISPOSITIF DE COMMANDE DE LAMINAGE, PROGRAMME DE COMMANDE ET TUBE SANS RACCORD

Publication

EP 1779939 A4 20080806 (EN)

Application

EP 05765198 A 20050630

Priority

• JP 2005012042 W 20050630
• JP 2004192912 A 20040630

Abstract (en)

[origin: EP1779939A1] 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 #i 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 (search report)

• [XA] JP S63238906 A 19881005 - SUMITOMO METAL IND
• [XDA] JP H06190406 A 19940712 - SUMITOMO METAL IND
• [XA] JP S60154810 A 19850814 - SUMITOMO METAL IND
• [XA] JP S63230214 A 19880926 - SUMITOMO METAL IND
• See references of WO 2006003975A1

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US9636725B2; DE102014110980A1; DE102014110980B4; US2015246381A1; US10695809B2; WO2014045140A3; WO2016016224A1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

EP 1779939 A1 20070502; **EP 1779939 A4 20080806**; **EP 1779939 B1 20120613**; CN 101264483 A 20080917; CN 101264483 B 20110323; CN 1980751 A 20070613; CN 1980751 B 20110112; EP 2193855 A1 20100609; EP 2193855 B1 20120509; EP 2366466 A1 20110921; EP 2366466 B1 20120912; EP 2366467 A1 20110921; EP 2366467 B1 20120919; EP 2366468 A1 20110921; EP 2366468 B1 20120912; JP 2006015353 A 20060119; JP 4370572 B2 20091125; MX PA06014866 A 20071122; WO 2006003975 A1 20060112

DOCDB simple family (application)

EP 05765198 A 20050630; CN 200580022376 A 20050630; CN 200810096227 A 20050630; EP 10002571 A 20050630; EP 11165541 A 20050630; EP 11165550 A 20050630; EP 11165552 A 20050630; JP 2004192912 A 20040630; JP 2005012042 W 20050630; MX PA06014866 A 20050630