

Title (en)

MANDREL MILL, ITS OPERATING METHOD, AND SEAMLESS PIPE MANUFACTURING METHOD

Title (de)

ROHRWALZWERK MIT DORN, BETRIEBSVERFAHREN DAFÜR RUND VERFAHREN ZUR HERSTELLUNG EINES NAHTLOSEN ROHRS

Title (fr)

LAMINOIR CONTINU, SON PROCÉDÉ DE FONCTIONNEMENT ET PROCÉDÉ DE FABRICATION DE TUYAU SANS COUTURES

Publication

**EP 2085158 A4 20120801 (EN)**

Application

**EP 07830466 A 20071024**

Priority

- JP 2007070732 W 20071024
- JP 2006303776 A 20061109

Abstract (en)

[origin: EP2085158A1] The object of the present invention is to provide a mandrel mill capable of producing a seamless pipe without flaws such as necking. The mandrel mill of the present invention includes a plurality of consecutively provided grooved-roll stands and a mandrel bar 3 provided in a roll groove array formed by the grooved-roll stands so as to continuously elongate a hollow shell 2. Roll grooves 4 of at least a first stand and a second stand are arranged so as to satisfy conditions represented by the following formulas (1) to (4):  $b \# \frac{10}{c} a + 1.5 b \# \frac{10}{c} a + 1.5 b \# \frac{10}{c} a - 0.2 b \# \frac{10}{c} a + 1.15$  wherein  $a = S/R1$ ,  $b = C/(R1-S)$ .

IPC 8 full level

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Citation (search report)

- No further relevant documents disclosed
- See references of WO 2008056540A1

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