

Title (en)
PIERCING MILL AND METHOD OF CHANGING CANNON

Title (de)
LOCHWALZWERK UND VERFAHREN ZUM WECHSELN DES EINLAUFFÜHRUNGSROHRES

Title (fr)
LAMINOIR PERCEUR ET PROCEDE DE CHANGEMENT DE CANON

Publication
EP 1046435 A1 20001025 (EN)

Application
EP 98947809 A 19981009

Priority
• JP 9804572 W 19981009
• JP 27890497 A 19971013

Abstract (en)
A piercing mill and cannon exchange method therefor which can automate exchange of a cannon and can cope with flexible production of a variety of differently-sized seamless steel tubes in small quantities. The piercing mill including means for pivoting a cannon holder which holds a cannon and means for sliding the cannon holder along a pass line, through combined above-mentioned means, the cannon holder is pivoted so as to come into alignment with the pass line, is slid along the pass line, and is clamped at a predetermined location. The cannon exchange is characterized in that a cannon holder which retains the cannon in the direction perpendicular to the pass line is pivoted so as to come into alignment with the pass line, is slid along the pass line, and is then clamped to the main frame of the piercing mill. Therefore, it become possible to automate exchange of a cannon in accordance with a changeover and to considerably reduce working hours. <IMAGE>
The piercing mill includes device for turning and moving a cannon holder for holding a cannon and device for sliding the cannon holder along a pass line. The cannon holder is turned and slid on the pass line and is clamped at a predetermined position. The cannon changing method comprises turning a cannon holder, which holds the cannon vertically, on a pass line, and then sliding the cannon holder on the pass line, and clamping it to the main body of a piercing mill.

IPC 1-7
B21B 19/04

IPC 8 full level
B21B 19/04 (2006.01); **B21B 23/00** (2006.01); **B21B 31/08** (2006.01); **B21B 39/16** (2006.01)

CPC (source: EP)
B21B 19/04 (2013.01); **B21B 39/165** (2013.01)

Cited by
CN102327897A

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
EP 1046435 A1 20001025; **EP 1046435 A4 20010418**; **EP 1046435 B1 20040114**; DE 69821138 D1 20040219; DE 69821138 T2 20041021; JP 3297994 B2 20020702; JP H11114609 A 19990427; WO 9919090 A1 19990422

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EP 98947809 A 19981009; DE 69821138 T 19981009; JP 27890497 A 19971013; JP 9804572 W 19981009