

Title (en)

Safety positioning device for the coupling ends of flexible supply tubes uncoupled from the bearing chocks of rolling stands

Title (de)

Sicherungs-Positionsvorrichtung für die, von den Lagereinbaustücken von Walzgerüsten abgekuppelten Kuppelenden von Versorgungsschläuchen

Title (fr)

Dispositif de positionnement de sécurité pour les extrémités d'accouplement de tuyaux d'alimentation flexibles, qui sont désaccouplées des empoises de paliers de cages de laminoir

Publication

EP 0711613 B1 19980408 (DE)

Application

EP 95116453 A 19951019

Priority

DE 9417996 U 19941110

Abstract (en)

[origin: EP0711613A1] The securing device comprises a frame (15), in which the push wedges (SK1,SK2,SK3,SK4) are displaceably fitted. On the push wedges are arranged the retention nipples (NH1,HN2,HN3,HN4). The push wedges engage in wedge recesses (KA1,KA3,KA4) of a switch rod (16) movably fitted in the frame crossways to the displacement direction of the push wedges, holding under the pressure of a spring (17). The push wedges are connected to a draw bar (18), likewise fitted in the frame and enclosed in a cylinder spring (19) supported against the rear side of the push wedge and the frame. On the frame, over the push wedges is located a slide disc (20) with long slot-shaped recesses (21) for the retention nipples.

IPC 1-7

B21B 33/00; B21B 31/08

IPC 8 full level

B21B 31/08 (2006.01); **B21B 33/00** (2006.01); **B21B 31/00** (2006.01); **B21B 31/07** (2006.01)

CPC (source: EP)

B21B 31/08 (2013.01); **B21B 33/00** (2013.01); **B21B 31/00** (2013.01); **B21B 31/076** (2013.01)

Designated contracting state (EPC)

BE DE ES FR GB SE

DOCDB simple family (publication)

DE 9417996 U1 19950202; DE 59501834 D1 19980514; EP 0711613 A1 19960515; EP 0711613 B1 19980408

DOCDB simple family (application)

DE 9417996 U 19941110; DE 59501834 T 19951019; EP 95116453 A 19951019