

Title (en)

Device for locking the axis of back-up rolls, work rolls and/or intermediate rolls in a rolling stand or in other systems

Title (de)

Vorrichtung zur axialen Verriegelung von Stütz-, Arbeits- und/oder Zwischenwalzen in einem Walzgerüst oder anderen Systemen

Title (fr)

Dispositif pour le blocage axial de cylindres d'appui, de travail et/ou intermédiaires dans une cage de laminoir ou autres systèmes

Publication

**EP 0773073 A3 19980520 (DE)**

Application

**EP 96117727 A 19961106**

Priority

- DE 19541883 A 19951110
- DE 19637060 A 19960912

Abstract (en)

[origin: EP0773073A2] The axial locking device has a locking plate guide (10) with a locking plate (11) operated via a hydraulic piston/cylinder device. A cylinder housing (21) is symmetrical to a piston rod (24) displaced to either side. The locking plate guide and the locking plate have a window opening (1) corresponding to the length of the piston rod and the width of the cylinder housing, receiving the latter with loose contact of both piston rod ends with opposing transverse surfaces (2,3) of the locking plate.

IPC 1-7

**B21B 31/18**

IPC 8 full level

**B21B 31/18** (2006.01)

CPC (source: EP)

**B21B 31/18** (2013.01)

Citation (search report)

- [XA] FR 1122538 A 19560910 - SCHLOEMANN AG
- [A] WO 8703228 A1 19870604 - DAVY MCKEE POOLE [GB]
- [A] DE 3331055 A1 19850314 - SCHLOEMANN SIEMAG AG [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 015, no. 481 (M - 1187) 6 December 1991 (1991-12-06)

Cited by

DE102011082372A1; WO2013034433A1

Designated contracting state (EPC)

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**EP 0773073 A2 19970514; EP 0773073 A3 19980520; EP 0773073 B1 20030212**; AT E232426 T1 20030215; ES 2192594 T3 20031016

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