

Title (en)
DEVICE FOR AXIAL SHIFTING THE SUPPORTS OF ROLL BEARINGS

Publication
EP 0296407 A3 19890531 (DE)

Application
EP 88109124 A 19880608

Priority
DE 3720545 A 19870622

Abstract (en)
[origin: EP0296407A2] A device for the axial positioning displacement of roll-bearing supports 16 guided in housing windows of the housings 1 of multi-roll stands. Guides 4 are articulated in such a way in supporting frames 2 fixed to the housing that they can be swivelled about an axis 6 which is transverse to the axis of the rolls. Guided in these guides 4 are sliding carriages 11, 12 which can be driven by reciprocating-piston motors 13. The sliding carriages 11, 12 support coupling arrangements 14, 15 for the releasable guiding connection of the respective sliding carriage 11 and 12 to the associated roll-bearing support 16. The supporting frames 2, with a frame plane extending perpendicularly to the roll plane, are arranged in parallel to one another and the respective coupling arrangement 14 and 15 of the sliding carriage 11 and 12, respectively, of the guides 3, 4 in each of the supporting frames 2 of the pair of supporting frames can be connected to that side of the roll-bearing support 16 which faces it. <IMAGE>

IPC 1-7
B21B 31/18

IPC 8 full level
B21B 31/18 (2006.01)

CPC (source: EP KR US)
B21B 31/02 (2013.01 - KR); **B21B 31/18** (2013.01 - EP US)

Citation (search report)

- DE 3525462 A1 19870129 - SCHLOEMANN SIEMAG AG [DE]
- DE 3409221 A1 19850919 - SCHLOEMANN SIEMAG AG [DE]
- DE 8614518 U1 19860717
- PATENT ABSTRACTS OF JAPAN

Designated contracting state (EPC)
BE DE FR GB IT NL

DOCDB simple family (publication)
EP 0296407 A2 19881228; EP 0296407 A3 19890531; EP 0296407 B1 19920520; DE 3720545 A1 19890105; DE 3871246 D1 19920625; JP H0798207 B2 19951025; JP S6418513 A 19890123; KR 890000176 A 19890313; KR 950009140 B1 19950816; US 4905494 A 19900306

DOCDB simple family (application)
EP 88109124 A 19880608; DE 3720545 A 19870622; DE 3871246 T 19880608; JP 15134788 A 19880621; KR 880006688 A 19880603; US 20934188 A 19880620