

Title (en)
Rolling mill stand.

Title (de)
Walzgerüst.

Title (fr)
Cage de laminoir.

Publication
EP 0042879 A1 19820106 (DE)

Application
EP 80103609 A 19800626

Priority
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Abstract (en)
1. Roll stand with rolls adjustable towards one another and mounted in overhung manner, the roll shafts (5, 5) of which are mounted in eccentric bushes (6, 6) rotatably arranged in a housing (1) and are connected for drive through gear wheels (7, 8) at their ends opposite to the rolls with intermediate shafts (9, 9) likewise mounted in the housing (1), in which the eccentric bushes (6, 6) together with the rolls, the roll shafts, the roll shaft bearings and the gear wheels are easily disengageably inserted into the housing from its end, and in which the diameters of the gear wheels (7, 8) and of the eccentric bushes (6, 6) are made smaller than the roll end of the housing (1), characterized in that in the case of a rotary drive for the eccentric bushes (6, 6) through toothed rims (19, 19) arranged on these their diameters too are made smaller than the roll end of the housing (1) and each eccentric bush (6) with pertinent roll, roll shaft mounting, gear wheel (7) and toothed rim (19) can be installed and removed individually, in each case through an end opening of the housing, provided in the stand (1) and dimensioned in accordance with the eccentric bush, the gear wheel and the toothed rim.

Abstract (de)
Dieses Walzgerüst ist mit fliegend gelagerten, gegeneinander anstellbaren Walzen ausgestattet. Die Anstellung erfolgt über im Gehäuse (1) drehbare Exzenterbuchsen (6) in denen die Walzwellen (5) der Walzen gelagert sind. Um das Auswechseln der wichtigsten Verschleißteile möglichst auf diese Verschleißteile zu beschränken und den Wechsellvorgang zu beschleunigen sind nur die Exzenterbuchsen (6) mit den Walzen, den Walzwellen (5) und den Walzwellenlagern durch eine entsprechend bemessene Öffnung in der Stirnseite (3) des Gehäuses (1) lösbar in dieses eingesetzt.

IPC 1-7
B21B 13/00; **B21B 31/02**

IPC 8 full level
B21B 13/00 (2006.01); **B21B 31/26** (2006.01); **B21B 31/08** (2006.01)

CPC (source: EP)
B21B 13/005 (2013.01); **B21B 31/26** (2013.01); **B21B 31/08** (2013.01)

Citation (search report)
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