

Title (en)

Cluster mill of the roll housing type with direct hydraulic adjustment

Title (de)

Vielwalzengerüst in Ständerbauweise mit direkter hydraulischer Anstellung

Title (fr)

Cage de laminoir à cylindres multiples du type à montants avec serrage hydraulique direct

Publication

EP 0665067 B1 19980520 (DE)

Application

EP 95101060 A 19950126

Priority

DE 4402398 A 19940127

Abstract (en)

[origin: EP0665067A1] The column type multi-roll stand comprises a roll set (2) above the rolling gap and a corresponding roll set (3) below this gap, and is preferably provided with a direct hydraulic setting system. Two roll sets with a larger number of rolls enclosing respectively working rolls (5) and (5') with a relatively smaller diameter can be replaced with two roll sets with a smaller number of rolls enclosing working rolls with a relatively larger diameter, and vice versa. In both cases each roll set (2,3) has a number of rolls which remain without changes. Working change allows a 20-roll stand to be converted into a 14-roll stand. In this case the rolls (5,6,7,8) in the roll set (2) and the rolls (5',6',7',8') in the roll set (3) are replaced by a single larger-diameter roll in each roll set.

IPC 1-7

B21B 13/14

IPC 8 full level

B21B 13/14 (2006.01); **B21B 13/00** (2006.01)

CPC (source: EP US)

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Cited by

DE10036564C2; EP1033183A3; US6314782B1

Designated contracting state (EPC)

AT DE FR GB IT

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EP 95101060 A 19950126; AT 95101060 T 19950126; DE 4402398 A 19940127; DE 59502196 T 19950126; US 37737495 A 19950125