

Title (en)
Rolling mill.

Title (de)
Walzwerk.

Title (fr)
Laminoir.

Publication
EP 0124991 A1 19841114 (EN)

Application
EP 84302081 A 19840327

Priority
GB 8309021 A 19830331

Abstract (en)
A four-high rolling mill has back-up rolls (16, 17) which have effective barrel lengths substantially shorter than those of the work rolls (14, 15) so that the ends of the work rolls are unsupported, with the result that the work roll bending equipment (25) acting between the ends of the work rolls become more effective. When the width of the material (30) being rolled is greater than the effective length of the back-up rolls (16, 17), the rolling load is transferred to the housing (12, 13), in part through the back-up rolls (16, 17) and in part through piston and cylinder assemblies (26) between the work roll chocks (18, 20) and the back-up roll chocks (21, 22).

IPC 1-7
B21B 13/14

IPC 8 full level
B21B 1/22 (2006.01); **B21B 13/14** (2006.01)

CPC (source: EP)
B21B 13/14 (2013.01)

Citation (search report)

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- DE 1956180 A1 19710519 - ISHIKAWAJIMA HARIMA HEAVY IND
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EP0194322A1; WO0178915A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0124991 A1 19841114; GB 8309021 D0 19830511; JP S59229208 A 19841222

DOCDB simple family (application)
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