

Title (en)
A rolling mill.

Title (de)
Walzwerk.

Title (fr)
Laminoir.

Publication
EP 0194322 A1 19860917 (EN)

Application
EP 85102468 A 19850305

Priority
EP 85102468 A 19850305

Abstract (en)
A rolling mill stand in which at least one of the back-up rolls is given a convex crown around the roll body in an amount of 0.5 mm to 10 mm in diameter and at least one of the work rolls contacting the back-up rolls is given a concave crown around the roll body under the condition: $0.4 \times \text{CBUR} \geq \text{CWR} \geq 0.15 \times \text{CBUR}$ Also disclosed are mill arrangements in which at least one rolling mill stand of the above type is incorporated.

IPC 1-7
B21B 13/14; B21B 29/00

IPC 8 full level
B21B 37/30 (2006.01)

CPC (source: EP)
B21B 37/30 (2013.01)

Citation (search report)

- [X] EP 0124991 A1 19841114 - DAVY MCKEE SHEFFIELD [GB]
- [A] DE 1452153 A1 19681212 - MOELLER & NEUMANN VERWALT GES
- [A] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 128 (M-220)[1273], 3rd June 1983; & JP - A - 58 47501 (MITSUBISHI JUKOGYO) 19-03-1983

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

DOCDB simple family (publication)
EP 0194322 A1 19860917; EP 0194322 B1 19880810; AT E36256 T1 19880815; DE 3564202 D1 19880915

DOCDB simple family (application)
EP 85102468 A 19850305; AT 85102468 T 19850305; DE 3564202 T 19850305