

Title (en)

Rolling stand with back-up and/or work rolls for rolling sheets or strips

Title (de)

Walzgerüst mit Stütz- und/oder Arbeitswalzen zum Walzen von Blechen oder Bändern

Title (fr)

Cage de laminage à cylindres d'appui et/ou de travail pour le laminage de tôles ou de bandes

Publication

EP 1195204 A3 20040506 (DE)

Application

EP 01121593 A 20010911

Priority

DE 10049032 A 20001004

Abstract (en)

[origin: EP1195204A2] Mill stand comprises supporting and/or working rollers (1), and a water skimmer (4) guided in a supporting strip (6) so that a hollow chamber (7) running in an extension to the strip is formed in the skimmer. The hollow chamber is subjected to a pressure medium. Preferred Features: The water skimmer is elastic and is guided in a groove (8) of the strip. The strip is connected to a rest bar (3). The strip is detachably fixed to an insertion surface running parallel to the roller axis. The hollow chamber is arranged on the rear side of the water skimmer.

IPC 1-7

B21B 27/10

IPC 8 full level

B21B 27/10 (2006.01)

CPC (source: EP)

B21B 27/10 (2013.01)

Citation (search report)

- [XA] GB 750154 A 19560613 - SAMUEL OSBORN & COMPANY LTD, et al
- [DA] WO 9624443 A1 19960815 - KAWASAKI STEEL CO [JP], et al
- [A] WO 9848956 A1 19981105 - TRAVHYDRO PLASTICS ET ISOLANTS [BE], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 014, no. 172 (M - 0958) 4 April 1990 (1990-04-04)
- [A] DATABASE WPI Section Ch Week 198127, Derwent World Patents Index; Class M21, AN 1981-49233D, XP002269153

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1195204 A2 20020410; EP 1195204 A3 20040506; EP 1195204 B1 20060419; AT E323560 T1 20060515; DE 10049032 A1 20020502; DE 50109537 D1 20060524; ES 2259304 T3 20061001

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