

Title (en)

Method and apparatus for continuous casting of ingots or blooms

Title (de)

Verfahren und Vorrichtung zum Stranggiessen von Brammen oder Blöcken

Title (fr)

Procédé et dispositif pour coulée continue des lingots ou blooms

Publication

EP 0545104 B1 19970402 (DE)

Application

EP 92119157 A 19921109

Priority

DE 4138740 A 19911126

Abstract (en)

[origin: EP0545104A2] With a method for the continuous casting of slabs or ingots in a continuous casting installation with a soft reduction section which has rollers (2) that can be adjusted individually or as a segment relative to one another by means of hydraulic cylinders (5) and can be adjusted in infinitely variable fashion in their clear width (opening width) by means of spindles, in which the spindles (16) are moved in load-reduced fashion to a desired opening width, dynamic adjustment of the spacing or opening width even during casting, i.e. under load, is made possible, in particular with adaptation to the shifting of the soft reduction section due to changing casting parameters. The spindles can be supported on pressure cells (17) or be arranged between supports of the bottom yoke and plungers (18). <IMAGE>

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B22D 11/128

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

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Cited by

KR100743492B1; KR101018661B1; US6062295A; EP0875316A3; AT401744B; US5577548A; DE4436328C2; DE4436328C5; EP1068914A1; DE10033307C2; EP1060816A1; CN112355262A; US6568460B1; US6568459B2; US7121323B2; WO03070399A1

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