

Title (en)

Method for reducing or widening mold width during continuous casting.

Title (de)

Verfahren zum Verkleinern oder Vergrössern der Kokille beim Stranggiessen.

Title (fr)

Procédé pour réduire ou augmenter la largeur du moule pendant la coulée continue.

Publication

EP 0134030 A1 19850313 (EN)

Application

EP 84109550 A 19840810

Priority

- JP 14684383 A 19830811
- JP 15848483 A 19830830

Abstract (en)

A variable width continuous casting method in which the wide side walls are stationary and the narrow side walls (1) are movable. The center (P) of the rotation radius of the narrow side walls (1) is set below and above the mold on the basis of the casting speed and the moving speed of the narrow side walls (1). The method provides lessening of air gaps and shell deformation resistance and of the size of the width-varied part of the slab, and an increase in yield and a stable operation.

IPC 1-7

B22D 11/16; **B22D 11/04**

IPC 8 full level

B22D 11/16 (2006.01)

CPC (source: EP)

B22D 11/168 (2013.01)

Citation (search report)

- [X] EP 0028766 A1 19810520 - CONCAST AG [CH]
- [A] GB 2079198 A 19820120 - NIPPON STEEL CORP

Cited by

CN102240788A; AT405147B; CN102240782A; CN102240783A; CN102240787A; EP0914888A1; US6142212A; CN1083306C

Designated contracting state (EPC)

DE GB IT NL

DOCDB simple family (publication)

EP 0134030 A1 19850313; AU 3166284 A 19850214; AU 551521 B2 19860501; BR 8404013 A 19850716; ES 535020 A0 19850601; ES 8505567 A1 19850601

DOCDB simple family (application)

EP 84109550 A 19840810; AU 3166284 A 19840807; BR 8404013 A 19840810; ES 535020 A 19840809