

Title (en)

Support structure for an oscillating mould

Title (de)

Traggerüst für eine oszillierende Kokille

Title (fr)

Structure de support pour une lingotière oscillante

Publication

EP 0920935 A3 19990915 (DE)

Application

EP 98122280 A 19981124

Priority

DE 19754274 A 19971206

Abstract (en)

[origin: EP0920935A2] The links (3) are joined to the supports (1) and the mold carrier frame (2) using leaf spring hinges (20).

IPC 1-7

B22D 11/04

IPC 8 full level

B22D 11/04 (2006.01); **B22D 11/053** (2006.01); **B22D 11/16** (2006.01)

CPC (source: EP US)

B22D 11/053 (2013.01 - EP US)

Citation (search report)

- [AD] EP 0421560 A1 19910410 - MANNESMANN AG [DE]
- [AD] EP 0150357 B1 19870722
- [AD] DE 2248066 A1 19740404 - SCHLOEMANN AG
- [A] US 3664409 A 19720523 - KOLOMEITSEV ADOLF PETROVICH, et al
- [A] DE 4341719 C1 19950406 - MANNESMANN AG [DE]

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0920935 A2 19990609; EP 0920935 A3 19990915; EP 0920935 B1 20030903; AT E248667 T1 20030915; DE 19754274 A1 19990610; DE 59809480 D1 20031009; JP H11239848 A 19990907; US 6167941 B1 20010102

DOCDB simple family (application)

EP 98122280 A 19981124; AT 98122280 T 19981124; DE 19754274 A 19971206; DE 59809480 T 19981124; JP 34334298 A 19981202; US 20549998 A 19981204