

Title (en)

OSCILLATOR FOR CONTINUOUS CASTING DIE

Title (de)

SCHWINGVORRICHTUNG FÜR STRANGGIESSKOKILLE

Title (fr)

DISPOSITIF OSCILLANT POUR COQUILLE DE COULEE CONTINUE

Publication

EP 0876230 B1 19991110 (DE)

Application

EP 97902164 A 19970109

Priority

- EP 9700049 W 19970109
- LU 88702 A 19960118

Abstract (en)

[origin: WO9726099A1] The invention relates to an oscillator for a continuous casting die with a supporting structure (10), an oscillating lever (12) which has a fork-shaped first lever arm (30) and a opposing second lever arm (32). Said oscillating lever (12) is mounted by means of first turning joints (26', 26'') to oscillate about an axis (28) in the supporting structure. Said oscillator also comprises a lifting device (14) connected to the second lever arm (32) of the oscillating lever (12). According to the invention, the oscillator comprises a carrying cage (18) for suspension of a continuous casting die (20), said carrying cage (18) being connected by way of second turning joints (40', 40'') to the fork-shaped first lever arm (30) of the oscillating lever (12).

IPC 1-7

B22D 11/04

IPC 8 full level

B22D 11/053 (2006.01)

CPC (source: EP US)

B22D 11/053 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE DE DK ES FR GB IT NL SE

DOCDB simple family (publication)

WO 9726099 A1 19970724; AT E186485 T1 19991115; AU 1591797 A 19970811; DE 59700687 D1 19991216; DK 0876230 T3 20000828; EP 0876230 A1 19981111; EP 0876230 B1 19991110; ES 2138856 T3 20000116; LU 88702 A1 19970718; US 6167940 B1 20010102

DOCDB simple family (application)

EP 9700049 W 19970109; AT 97902164 T 19970109; AU 1591797 A 19970109; DE 59700687 T 19970109; DK 97902164 T 19970109; EP 97902164 A 19970109; ES 97902164 T 19970109; LU 88702 A 19960118; US 9172198 A 19980819