

Title (en)

A mold oscillation apparatus for curved-type continuous casting machines.

Title (de)

Eine Kokillen-Oszillationseinrichtung für Bogenstranggussanlagen.

Title (fr)

Dispositif de moule à oscillation pour machines de coulée continue de type courbe.

Publication

EP 0073670 A1 19830309 (EN)

Application

EP 82304550 A 19820827

Priority

JP 12784281 U 19810831

Abstract (en)

An apparatus 10 serves to oscillate a mold 1 for curved-type continuous casting machines, and comprises a base frame 3 detachably mounted on a structure 8, a bracket 4 secured to the base frame and, having a fulcrum corresponding to a center O1 of curvature for a path 1a of cast metal in the mold 1, an oscillation lever 2 having its one end pivotally mounted at the fulcrum to the bracket 4, and an oscillation drive lever 6, to which the other end of the oscillation lever 2 is pivotally mounted at a loading point O2. The mold 1 is detachably fixed to the oscillation lever 2 as by bolts 11 with its center O1 of curvature corresponding to the fulcrum of the bracket 4. The oscillation drive lever 2 is swingingly driven by a drive motor through a reduction gear 7, so that the mold 1 can oscillate about the center O1 of curvature.

IPC 1-7

B22D 11/04; **B22D 11/14**

IPC 8 full level

B22D 11/04 (2006.01); **B22D 11/053** (2006.01); **B22D 11/14** (2006.01)

CPC (source: EP)

B22D 11/053 (2013.01)

Citation (search report)

- [A] DE 2329561 B2 19760923
- [A] DE 1458011 A1 19681107 - CONCAST AG
- [A] FR 1549548 A 19681213
- [A] US 3881544 A 19750506 - BOTTA JR JOSE A, et al

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Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0073670 A1 19830309; **EP 0073670 B1 19851113**; AT E16466 T1 19851115; AU 531914 B2 19830908; AU 8743682 A 19830414; BR 8205008 A 19830802; DE 3267454 D1 19851219; ES 515353 A0 19830801; ES 8307552 A1 19830801; JP S5833152 U 19830304; JP S6041328 Y2 19851216

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