

Title (en)

CONTINUOUS CASTING FACILITY FOR GUIDING CONTINUOUSLY CAST METAL

Title (de)

STRANGGIESSANLAGE ZUM FÜHREN VON STRÄNGEN

Title (fr)

INSTALLATION DE COULEE CONTINUE POUR GUIDER DU METAL COULE EN CONTINU

Publication

EP 0741620 B1 20010221 (DE)

Application

EP 95906268 A 19950120

Priority

- DE 9500094 W 19950120
- DE 4403045 A 19940128

Abstract (en)

[origin: WO9520448A1] The invention relates to a continuous casting facility for the production of continuously cast metal in the form of slabs, thin slabs, cogs and billets. The facility ensures that the casting runs centrally along the entire course of the guide, thereby ensuring a high level of casting reliability at casting rates of up to 6 m/min. The cambered, concave shape of the ingot mould and of the entire guide means that the casting is guided along the axis of the guide from the meniscus to its exit at the end of the continuous casting facility, thus eliminating sideways motion ("snaking") of the entire casting in the direction of one of its small sides.

IPC 1-7

B22D 11/14; **B22D 11/04**; **B22D 11/128**

IPC 8 full level

B22D 11/124 (2006.01); **B22D 11/04** (2006.01); **B22D 11/128** (2006.01); **B22D 11/14** (2006.01)

CPC (source: EP US)

B22D 11/04 (2013.01 - EP US); **B22D 11/1287** (2013.01 - EP US); **B22D 11/14** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE DE ES FR GB IT

DOCDB simple family (publication)

WO 9520448 A1 19950803; AT E199227 T1 20010315; AU 1453495 A 19950815; CA 2182023 A1 19950803; CN 1064872 C 20010425; CN 1139896 A 19970108; DE 4403045 C1 19950907; DE 59509038 D1 20010329; EP 0741620 A1 19961113; EP 0741620 B1 20010221; ES 2154327 T3 20010401; JP H09509367 A 19970922; KR 100352219 B1 20021113; US 5839503 A 19981124; ZA 95673 B 19950928

DOCDB simple family (application)

DE 9500094 W 19950120; AT 95906268 T 19950120; AU 1453495 A 19950120; CA 2182023 A 19950120; CN 95191385 A 19950120; DE 4403045 A 19940128; DE 59509038 T 19950120; EP 95906268 A 19950120; ES 95906268 T 19950120; JP 51982295 A 19950120; KR 19960703587 A 19960703; US 68270896 A 19960729; ZA 95673 A 19950127