

Title (en)

CONTINUOUS CASTING METHOD, CAST MEMBER, METAL WORKED ARTICLE, AND CONTINUOUS CASTING APPARATUS

Title (de)

STRANGGIESSVERFAHREN, GUSSGLIED, METALLWERKSTÜCK UND STRANGGIESSVORRICHTUNG

Title (fr)

PROCEDE DE COULAGE EN CONTINU, ELEMENT COULE, ARTICLE FA ONNE EN METAL ET APPAREIL DE COULAGE EN CONTINU

Publication

EP 1651373 A1 20060503 (EN)

Application

EP 04771114 A 20040723

Priority

- JP 2004010977 W 20040723
- JP 2003278297 A 20030723
- US 49051203 P 20030729

Abstract (en)

[origin: WO2005007321A1] The continuous casting method causes the final solidification portion to be displaced from the central portion of the cast member to reduce the influence of cast defects which may be generated on a plastic worked article. In a continuous casting method for continuously manufacturing a cast member by driving a plurality of rotational molding members disposed so as to form a casting space, the plurality of rotational molding members are differentiated in temperature. In a preferable embodiment, a portion of one of the rotational molding members which starts to come into contact with molten metal is set to a temperature of [(melting point or liquidus temperature of the metal) x 0.35] or more, and the other of the rotational molding members are cooled.

IPC 1-7

B22D 11/06; **B22D 11/00**; **B22D 11/124**

IPC 8 full level

B22D 11/06 (2006.01)

CPC (source: EP)

B22D 11/0622 (2013.01); **B22D 11/0671** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005007321 A1 20050127; CA 2532421 A1 20050127; EP 1651373 A1 20060503; EP 1651373 A4 20091028; EP 1651373 B1 20120328

DOCDB simple family (application)

JP 2004010977 W 20040723; CA 2532421 A 20040723; EP 04771114 A 20040723