

Title (en)

Process for the lubrication of the walls of a continuous casting mould for metals and mould for carrying out the process

Title (de)

Verfahren zur Schmierung der Wände einer Stranggusskokille für Metalle und Kokille zur Durchführung dieses Verfahrens

Title (fr)

Procédé de lubrification des parois d'une lingotière de coulée continue des métaux et lingotière pour sa mise en oeuvre

Publication

**EP 0743114 B1 20000913 (FR)**

Application

**EP 96400896 A 19960426**

Priority

FR 9505794 A 19950517

Abstract (en)

[origin: EP0743114A1] Method of lubricating a cooled, vertically oscillating, tubular, continuous casting mould involves injecting liq. lubricant (pref. oil) through the mould towards the metal product during solidification, the injection being carried out at spaced points at a single mould level located at more than 20 cm. from the lowest level at which solidification may start and the lubricant supply rate is sufficient to cause rising of a fraction of the lubricant along the mould wall up to the level at which solidification effectively starts. Also claimed is a continuous casting mould in which the above method is carried out.

IPC 1-7

**B22D 11/07**

IPC 8 full level

**B22D 11/04** (2006.01); **B22D 11/041** (2006.01); **B22D 11/043** (2006.01); **B22D 11/049** (2006.01); **B22D 11/051** (2006.01); **B22D 11/053** (2006.01); **B22D 11/07** (2006.01)

CPC (source: EP KR US)

**B22D 11/07** (2013.01 - EP KR US)

Designated contracting state (EPC)

AT BE CH DE ES FI FR GB IT LI LU NL PT SE

DOCDB simple family (publication)

**EP 0743114 A1 19961120**; **EP 0743114 B1 20000913**; **EP 0743114 B2 20090401**; AT E196269 T1 20000915; CA 2176843 A1 19961118; CA 2176843 C 20080108; CN 1061575 C 20010207; CN 1145287 A 19970319; DE 69610249 D1 20001019; DE 69610249 T2 20010426; DE 69610249 T3 20100415; ES 2150084 T3 20001116; ES 2150084 T5 20090831; FR 2734186 A1 19961122; FR 2734186 B1 19970613; JP H09220645 A 19970826; KR 100371413 B1 20030408; KR 960040510 A 19961217; US 5682942 A 19971104

DOCDB simple family (application)

**EP 96400896 A 19960426**; AT 96400896 T 19960426; CA 2176843 A 19960516; CN 96105860 A 19960516; DE 69610249 T 19960426; ES 96400896 T 19960426; FR 9505794 A 19950517; JP 14814296 A 19960517; KR 19960016760 A 19960517; US 63874996 A 19960429