

Title (en)

MOLD RELEASE LAYER FOR CASTING NONFERROUS METALS

Title (de)

FORMTRENNSCHICHT FÜR DAS GIESSEN VON NICHT-EISEN-METALLEN

Title (fr)

COUCHE DE DEMOULAGE POUR COULER DES METAUX NON FERREUX

Publication

EP 1993755 A1 20081126 (DE)

Application

EP 07722819 A 20070215

Priority

- EP 2007001300 W 20070215
- DE 102006010876 A 20060307

Abstract (en)

[origin: WO2007101528A1] The invention relates to a metallic, ferrous permanent mold, especially a permanent steel mold, which can be impinged upon with a liquid or flowable aluminum material, a layer for protecting the permanent form and for obtaining an optimum cast result being producible by means of a mold release agent. The invention also relates to a mold release agent for producing said layer and to a method for producing said layer.

IPC 8 full level

B22D 17/22 (2006.01); **C23C 22/34** (2006.01); **C23C 22/73** (2006.01); **C23C 22/74** (2006.01)

CPC (source: EP KR US)

B22D 17/2209 (2013.01 - EP KR US); **C23C 22/34** (2013.01 - EP KR US); **C23C 22/73** (2013.01 - EP KR US); **C23C 22/74** (2013.01 - EP KR US); **C23C 22/77** (2013.01 - KR)

Citation (search report)

See references of WO 2007101528A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

DE 102006010876 A1 20070913; BR PI0708651 A2 20090908; CN 101500729 A 20090805; CN 101500729 B 20110803; EP 1993755 A1 20081126; EP 1993755 B1 20130717; JP 2009528921 A 20090813; JP 4779025 B2 20110921; KR 20080111027 A 20081222; US 2009050288 A1 20090226; US 8403024 B2 20130326; WO 2007101528 A1 20070913

DOCDB simple family (application)

DE 102006010876 A 20060307; BR PI0708651 A 20070215; CN 200780013787 A 20070215; EP 07722819 A 20070215; EP 2007001300 W 20070215; JP 2008557613 A 20070215; KR 20087023899 A 20080930; US 20531108 A 20080905