

Title (en)  
IMMERSION NOZZLE

Title (de)  
TAUCHAUSGUSS

Title (fr)  
BEC PLONGEUR DE COULÉE

Publication  
**EP 2355946 A1 20110817 (DE)**

Application  
**EP 09744083 A 20091029**

Priority  
• EP 2009007731 W 20091029  
• DE 102008058647 A 20081122

Abstract (en)  
[origin: WO2010057566A1] The invention relates to an immersion nozzle, for use in the continuous casting of a metal melt, for example.

IPC 8 full level  
**B22D 41/50** (2006.01)

CPC (source: EP US)  
**B22D 41/50** (2013.01 - EP US)

Citation (search report)  
See references of WO 2010057566A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2010057566 A1 20100527**; BR PI0920957 A2 20151229; CA 2743224 A1 20100527; CA 2743224 C 20140318; CN 102239019 A 20111109; CN 102239019 B 20140416; DE 102008058647 A1 20100610; EP 2355946 A1 20110817; EP 2355946 B1 20131120; MX 2011005327 A 20110624; RU 2011120043 A 20121127; RU 2476292 C2 20130227; TW 201021943 A 20100616; US 2011233237 A1 20110929; US 8517231 B2 20130827

DOCDB simple family (application)  
**EP 2009007731 W 20091029**; BR PI0920957 A 20091029; CA 2743224 A 20091029; CN 200980147093 A 20091029; DE 102008058647 A 20081122; EP 09744083 A 20091029; MX 2011005327 A 20091029; RU 2011120043 A 20091029; TW 98139486 A 20091120; US 200913129549 A 20091029