Title (en)
METHOD FOR POURING MELT FROM A TILTABLE METALLURGIC VESSEL AND SYSTEM FOR PERFORMING THE METHOD

Title (de)
VERFAHREN ZUM ABGIEßEN VON SCHMELZE AUS EINEM KIPPBAREN METALLURGISCHEN GEFÄß SOWIE ANLAGE ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)
PROCÉDÉ DE COULÉE DE FONTE D'UN RÉCIPIENT MÉTALLURGIQUE POUVANT ÊTRE BASCULÉ AINSI QU'INSTALLATION DE RÉALISATION DU PROCÉDÉ

Publication
EP 2061612 A1 20090527 (DE)

Application
EP 07785864 A 20070628

Priority
• EP 2007005719 W 20070628
• AT 15242006 A 20060913

Abstract (en)
[origin: WO2008031469A1] A method for pouring melt (9, 6) from a tiltable vessel (1) into a receiving vessel (7) is characterized for obtaining an optimum and automated pouring process by the combination of the following features: - determining the tilt position of the metallurgic vessel (1), in which the melt (6) to be poured from the metallurgic vessel (1) exits in the form of a poured stream (18), - determining the position of the poured stream (18) resulting from the determined tilt position of the metallurgic vessel (1), bringing into position the receiving vessel (7) for receiving the poured stream (18) from the metallurgic vessel (1) according to the determined tilt position, and after the beginning of the pouring - tracking of the receiving vessel (7) according to the poured stream (18) changing with the changing tilt angle of the metallurgic vessel (1) as a function of the progressing pouring process.

IPC 8 full level
B22D 37/00 (2006.01); **C21C 5/50** (2006.01)

CPC (source: EP KR US)
B22D 37/00 (2013.01 - EP KR US); **C21C 5/4673** (2013.01 - EP US); **C21C 5/50** (2013.01 - EP KR US); **F27B 3/28** (2013.01 - EP US); **F27D 3/15** (2013.01 - EP US); **F27D 19/00** (2013.01 - EP US); **F27D 21/00** (2013.01 - EP US); **F27D 21/0028** (2013.01 - EP US); **F27D 21/02** (2013.01 - EP US)

Citation (search report)
See references of WO 2008031469A1

Cited by
DE102016209238A1; EP3992310A1; WO2017202639A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2008031469 A1 20080320; AT 504079 A1 20080315; AT 504079 B1 20080915; AT E527075 T1 20111015; BR PI0716772 A2 20130507; CA 2662412 A1 20080320; CN 101516548 A 20090826; EP 2061612 A1 20090527; EP 2061612 B1 20111005; ES 2372316 T3 20120118; KR 20090064452 A 20090618; MX 2009002628 A 20090324; PL 2061612 T3 20120229; RU 2009113596 A 20101020; RU 2436655 C2 20111220; TW 200815122 A 20080401; UA 96303 C2 20111025; US 2009230159 A1 20090917

DOCDB simple family (application)
EP 2007005719 W 20070628; AT 07785864 T 20070628; AT 15242006 A 20060913; BR PI0716772 A 20070628; CA 2662412 A 20070628; CN 200780034104 A 20070628; EP 07785864 A 20070628; ES 07785864 T 20070628; KR 20097007582 A 20090413; MX 2009002628 A 20070628; PL 07785864 T 20070628; RU 2009113596 A 20070628; TW 96123936 A 20070702; UA A200902130 A 20070628; US 44101907 A 20070628