

Title (en)

TRANSPORT AND STORAGE DEVICE FOR LADLE PIPE FOR TRANSFERRING LIQUID METAL

Title (de)

TRANSPORT- UND LAGERUNGSVORRICHTUNG FÜR EIN GIESSPFANNENROHR ZUM WEITERLEITEN VON FLÜSSIGEM METALL

Title (fr)

DISPOSITIF DE TRANSPORT ET STOCKAGE POUR UN TUBE DE POCHE POUR TRANSFERT DE MÉTAL LIQUIDE

Publication

EP 2367650 A1 20110928 (FR)

Application

EP 09763842 A 20091119

Priority

- EP 2009008254 W 20091119
- EP 08169505 A 20081120
- EP 09763842 A 20091119

Abstract (en)

[origin: WO2010057645A1] The invention relates to a device (22) for transporting and storing at least one ladle pipe (18) for a liquid metal casting plant, wherein said ladle pipe (18) comprises a channel for the liquid metal flow and extends substantially along an axis. The device (22) also includes a rack (22) adapted for storing the ladle pipe (18) in a position of use in which the channel axis is vertical, the rack (22) providing an access (33) from the outside towards a side surface of the pipe when the latter is in the position of use.

IPC 8 full level

B22D 41/50 (2006.01); **B22D 11/106** (2006.01)

CPC (source: EP US)

B22D 41/56 (2013.01 - EP US)

Citation (search report)

See references of WO 2010057645A1

Cited by

CN108968524A

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

Designated extension state (EPC)

RS

DOCDB simple family (publication)

WO 2010057645 A1 20100527; AU 2009317512 A1 20110707; AU 2009317512 B2 20140327; BR PI0922003 A2 20151215;
CA 2743102 A1 20100527; CN 102281971 A 20111214; CN 102281971 B 20141008; EG 26344 A 20130820; EP 2367650 A1 20110928;
JP 2012509187 A 20120419; JP 5336603 B2 20131106; KR 20110095386 A 20110824; MX 2011005341 A 20110616; NZ 593477 A 20121130;
RU 2011124583 A 20121227; RU 2526353 C2 20140820; UA 103063 C2 20130910; US 2011240246 A1 20111006; US 8820592 B2 20140902;
ZA 201104534 B 20120926

DOCDB simple family (application)

EP 2009008254 W 20091119; AU 2009317512 A 20091119; BR PI0922003 A 20091119; CA 2743102 A 20091119;
CN 200980155166 A 20091119; EG 2011050774 A 20110517; EP 09763842 A 20091119; JP 2011536778 A 20091119;
KR 20117014228 A 20091119; MX 2011005341 A 20091119; NZ 59347709 A 20091119; RU 2011124583 A 20091119;
UA A201107605 A 20091119; US 200913130323 A 20091119; ZA 201104534 A 20110620