

Title (en)

PAN LIFTING DEVICE AND METHOD OF VERTICALLY DISPLACING A METAL BATH PAN

Title (de)

PFANNENHUBVORRICHTUNG UND VERFAHREN ZUM VERTIKALEN VERSETZEN EINER METALLBADPFANNE

Title (fr)

DISPOSITIF DE LEVEE DE POCHE DE COULEE ET PROCEDE DE DEPLACEMENT VERTICAL D'UNE POCHE DE COULEE DE BAIN METALLIQUE

Publication

EP 3163240 B1 20180711 (DE)

Application

EP 15191687 A 20151027

Priority

EP 15191687 A 20151027

Abstract (en)

[origin: WO2017071999A1] The invention relates to a ladle lifting device (22) for a metallurgical plant (2, 58). In order to be able to produce the ladle lifting device (22) cost-effectively, the ladle lifting device (22) includes a lifting arm (34) with a rotatably mounted arm element (36), a first driving element (24) for driving the rotatably mounted arm element (36) of the lifting arm (34), and a first ladle holding unit (42), connected to the lifting arm (34), for gripping a ladle (16) containing molten metal.

IPC 8 full level

F27D 3/12 (2006.01); **B22D 41/13** (2006.01); **B66C 17/08** (2006.01); **F27D 3/00** (2006.01)

CPC (source: EP RU)

B22D 41/12 (2013.01 - RU); **B22D 41/13** (2013.01 - EP); **B66C 17/08** (2013.01 - EP); **B66C 17/10** (2013.01 - RU); **F27D 3/12** (2013.01 - EP); **F27D 2003/0086** (2013.01 - EP); **F27D 2003/125** (2013.01 - EP)

Cited by

CN112692269A; CN112872345A

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3163240 A1 20170503; **EP 3163240 B1 20180711**; ES 2690539 T3 20181121; MX 2018005111 A 20180606; RU 2018115690 A 20191128; RU 2018115690 A3 20200217; RU 2719998 C2 20200423; WO 2017071999 A1 20170504

DOCDB simple family (application)

EP 15191687 A 20151027; EP 2016075053 W 20161019; ES 15191687 T 20151027; MX 2018005111 A 20161019; RU 2018115690 A 20161019