

Title (en)

DEVICE AND METHOD FOR CHANGING AT LEAST ONE ELECTRODE OF A MELT-METALLURGICAL VESSEL

Title (de)

VORRICHTUNG UND VERFAHREN ZUM WECHSELN MINDESTENS EINER ELEKTRODE EINES SCHMELZMETALLURGISCHEN GEFÄßES

Title (fr)

DISPOSITIF ET PROCÉDÉ DE CHANGEMENT D'AU MOINS UNE ÉLECTRODE D'UN RÉCIPIENT POUR FONDERIE

Publication

EP 2883418 A1 20150617 (DE)

Application

EP 13762769 A 20130906

Priority

- DE 102012216847 A 20120920
- EP 2013068418 W 20130906

Abstract (en)

[origin: WO2014044548A1] The invention relates to a device and a method for changing at least one electrode of a melt-metallurgical vessel which has a receiving device for molten metal and a vessel cover with one opening per electrode for covering the receiving device. The at least one electrode can be positioned by means of at least one electrode support, and the at least one electrode and the at least one electrode support, and optionally the vessel cover as well, can be lifted and laterally pivoted about a perpendicular rotational axis by means of a lifting and pivoting device. At least two electrode changing stations are provided next to the receiving device. The electrode changing stations are either arranged adjacently to each other on a circular path about the rotational axis in a pivot range of the lifting and pivoting device or can be alternately brought onto the circular path about the rotational axis into the pivot range of the lifting and pivoting device.

IPC 8 full level

H05B 7/102 (2006.01)

CPC (source: EP US)

H05B 7/102 (2013.01 - EP US); **Y10T 29/4973** (2015.01 - EP US); **Y10T 29/53** (2015.01 - EP US)

Citation (search report)

See references of WO 2014044548A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102012216847 A1 20140320; EP 2883418 A1 20150617; EP 2883418 B1 20160831; MX 2015003600 A 20150605; RU 2015114332 A 20161110; US 2015237685 A1 20150820; WO 2014044548 A1 20140327

DOCDB simple family (application)

DE 102012216847 A 20120920; EP 13762769 A 20130906; EP 2013068418 W 20130906; MX 2015003600 A 20130906; RU 2015114332 A 20130906; US 201314429717 A 20130906