

Title (en)

ARC FURNACE WITH A FURNACE COVER SUPPORT ARM SYSTEM

Title (de)

LICHTBOGENOFEN MIT EINEM OFENDECKELTRAGARMSYSTEM

Title (fr)

FOUR À ARC POURVU D'UN SYSTÈME DE BRAS DE SUPPORT DU COUVERCLE DE FOUR

Publication

**EP 2783178 A1 20141001 (DE)**

Application

**EP 12784203 A 20120927**

Priority

- DE 102011119797 A 20111123
- DE 2012000992 W 20120927

Abstract (en)

[origin: WO2013075682A1] Arc furnace with at least one furnace vessel, a furnace cover and a support arm system assigned to the furnace cover, said support arm system being designed so as to be capable of rotating and/or lifting and lowering the furnace cover onto the oven vessel via a rotating and/or lifting portal connected to the support arm system, and with at least one electrode support arm, which is designed to be capable of lifting and lowering an electrode through at least one passage opening in the furnace cover; with a single-acting hydraulic cylinder used on the piston side, which is connected to the base of the rotating and/or lifting portal at a first reception point and is rotatably mounted with a reception simulation assigned to the rotating and/or lifting portal at a second reception point, which is aligned in a line flush with the first reception point.

IPC 8 full level

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CPC (source: EP)

**F27B 3/085** (2013.01); **F27D 1/1816** (2013.01); **F27D 2001/185** (2013.01)

Citation (search report)

See references of WO 2013075682A1

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DOCDB simple family (publication)

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