

Title (en)
ARC FURNACE

Title (de)
LICHTBOGENOFEN

Title (fr)
FOUR À ARC

Publication
EP 2859293 A1 20150415 (DE)

Application
EP 13729678 A 20130612

Priority
• EP 12175917 A 20120711
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Abstract (en)
[origin: EP2685192A1] The furnace (2) has a furnace vessel (4) for melting steel, and a lid (6) for closing the furnace vessel. A pivot unit (14) moves the lid away from the furnace vessel. The furnace vessel is movably mounted relative to the pivot unit in a vertical direction. The pivot unit comprises a retainer (16) for releasable fixing of the lid in the vertical direction. The furnace vessel is mounted in a swash plate (8) moved in the vertical direction. The swash plate is moved by hydraulic cylinders (10). The lid is supported when closing the furnace vessel by supports (12).

IPC 8 full level
F27B 3/06 (2006.01); **F27D 1/18** (2006.01)

CPC (source: EP RU US)
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ES 2602906 T3 20170222; MX 2015000399 A 20150320; RU 2015104340 A 20160827; RU 2636793 C2 20171128;
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