

Title (en)  
FURNACE SYSTEM

Title (de)  
OFENANLAGE

Title (fr)  
INSTALLATION DE FOUR

Publication  
**EP 2281166 A1 20110209 (DE)**

Application  
**EP 09745630 A 20090403**

Priority  
• EP 2009053997 W 20090403  
• EP 08009130 A 20080516  
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Abstract (en)  
[origin: EP2119990A1] The furnace system has a furnace (1), particularly an arc furnace, for melting metal, and a cleaning device (3) for removing or avoiding bulk goods from or in a furnace opening (2). The cleaning device has a movable thrust arm (4) for carrying out a thrust movement, and units (6) for moving the thrust arm between a parking level and an operating level (B). The work level (A) has a recess (8) through which the thrust arm is guided during the movement between the operating levels positioning above the work level.

IPC 1-7  
**F27D 23/02**

IPC 8 full level  
**F27D 25/00** (2010.01)

CPC (source: EP US)  
**F27D 3/04** (2013.01 - EP US); **F27D 25/001** (2013.01 - EP US)

Citation (search report)  
See references of WO 2009138297A1

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Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**EP 2119990 A1 20091118**; AT E540279 T1 20120115; BR PI0912700 A2 20151013; CN 102027305 A 20110420; CN 102027305 B 20130925; EP 2281166 A1 20110209; EP 2281166 B1 20120104; ES 2377544 T3 20120328; MX 2010012404 A 20101202; RU 2010151628 A 20120627; RU 2497058 C2 20131027; US 2011169202 A1 20110714; US 8440134 B2 20130514; WO 2009138297 A1 20091119

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