

Title (en)
SMELT FURNACE

Publication
EP 0154176 A3 19860514 (DE)

Application
EP 85101160 A 19850205

Priority
DE 3404548 A 19840209

Abstract (en)
[origin: EP0154176A2] 1. A smelt furnace (1) including a crucible-like, swivel-mounted vessel (2) with an upper opening (3) for receiving and removing the melting charge (4) and further including a heating for melting the melting charge (4), said vessel (2) being disposed at a slant with its central axis and being rotatable about said slanting axis, in front of the opening (3) of the vessel (2) provision being made for a fixed cover (9) or a plate having between itself and the opening (3) a circumferential channel (10) for collecting and conducting away the flue gases and in the form of a heating there being a burner (7) directed through the cover (9) or the plate into the opening (3).

IPC 1-7
F27B 14/02; **F27B 14/14**

IPC 8 full level
F27B 14/00 (2006.01); **F27B 14/02** (2006.01); **F27B 14/14** (2006.01); **F27D 3/00** (2006.01); **F27D 99/00** (2010.01)

CPC (source: EP)
F27B 14/00 (2013.01); **F27B 14/02** (2013.01); **F27D 2003/0087** (2013.01); **F27D 2099/004** (2013.01)

Citation (search report)
• [A] BE 879410 A 19800201 - VACMETAL GMBH
• [A] FR 2377595 A1 19780811 - SERTEC SA [FR]
• [A] FR 1304611 A 19620921 - STORA KOPPARBERGS BERGSLAGS AB

Cited by
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Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
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