

Title (en)
SMELT FURNACE

Publication
EP 0154176 B1 19881117 (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 23/00** (2006.01); **F27D 99/00** (2010.01)

CPC (source: EP)
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EP 0154176 A2 19850911; **EP 0154176 A3 19860514**; **EP 0154176 B1 19881117**; AT E38717 T1 19881215; DE 3404548 C1 19841115; DE 3566297 D1 19881222

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