

Title (en)
FURNACE LAY-OUT, ESPECIALLY FOR SMELTING AN ORE CONCENTRATE

Publication
EP 0024548 B1 19831207 (DE)

Application
EP 80104347 A 19800724

Priority
DE 2935394 A 19790901

Abstract (en)
[origin: US4337927A] A furnace assembly of the type used for melting of ore concentrate, wherein at least one separating wall is provided within the confines of the furnace to dip into the melt and divides the furnace space into separate melting, settling, and exhaust spaces. The specific improvement of the present invention involves providing a separating wall which is composed of individual metallic cooling elements in a stacked arrangement with each cooling element being provided with means for passing a coolant therethrough.

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F27D 1/12

IPC 8 full level
F27B 1/00 (2006.01); **F27D 1/12** (2006.01)

CPC (source: EP US)
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Cited by
DE102016107284A1; DE4431293A1; US5719897A; FR2517420A1

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