

Title (en)
LATERAL ISOLATION OF A CHAMBER-TYPE FURNACE FOR BURNING CARBON BLOCKS

Publication
EP 0190098 B1 19890104 (DE)

Application
EP 86810023 A 19860117

Priority
CH 40785 A 19850130

Abstract (en)
[origin: ES8700749A1] The region between the outermost firing shaft and the outer wall of a chamber type furnace for baking carbon blocks, in particular anodes for the fused salt electrolytic production of aluminum, comprises essentially at least one layer each of firebricks as the wall of the outermost firing shaft, insulating refractory foamed bricks and molar stone or calcium silicate bricks at the outer wall of the furnace. The layer of insulating, refractory foamed bricks is fixed to the outer wall without room for play. Sealing elements on a projection of the outer wall extending over but at a distance from the insulating layers and on the outermost firing shaft interlock with one another.

IPC 1-7
F27B 13/06; **F27B 13/08**; **F27D 1/00**

IPC 8 full level
C25D 3/12 (2006.01); **F27B 13/06** (2006.01); **F27B 13/08** (2006.01); **F27D 1/00** (2006.01)

CPC (source: EP US)
F27B 13/06 (2013.01 - EP US); **F27B 13/08** (2013.01 - EP US); **F27D 1/0006** (2013.01 - EP US)

Cited by
EP0496251A1; FR2671796A1; US5350609A

Designated contracting state (EPC)
DE FR GB IT NL SE

DOCDB simple family (publication)
EP 0190098 A1 19860806; **EP 0190098 B1 19890104**; AU 5222786 A 19860807; AU 587216 B2 19890810; CA 1258169 A 19890808; CN 86100307 A 19860730; DE 3661655 D1 19890209; ES 551450 A0 19861116; ES 8700749 A1 19861116; HU T43714 A 19871130; JP S61180883 A 19860813; NO 164801 B 19900806; NO 164801 C 19901114; NO 860302 L 19860731; US 4629423 A 19861216; ZA 86294 B 19860924

DOCDB simple family (application)
EP 86810023 A 19860117; AU 5222786 A 19860113; CA 500221 A 19860123; CN 86100307 A 19860114; DE 3661655 T 19860117; ES 551450 A 19860130; HU 39386 A 19860128; JP 1769886 A 19860129; NO 860302 A 19860128; US 81869786 A 19860114; ZA 86294 A 19860115