

Title (en)
AUXILIARY FLUE FOR FURNACES

Publication
EP 0302480 A3 19890315 (EN)

Application
EP 88112655 A 19880803

Priority
US 8135087 A 19870804

Abstract (en)
[origin: EP0302480A2] In a furnace (10) with a burner (12, 13) heating a furnace chamber (11) having an operational discharge and the operation of the furnace (10) occasionally including a secondary operation producing physical contaminants harmful to part of the operational discharge, an improvement comprising an auxiliary vent (14) and means to selectively operate said auxiliary vents (14) to allow the physical contaminants from the secondary operation to depart the furnace chamber (11) independently of the part of the operational discharge of the furnace that would be harmed by the physical contaminants.

IPC 1-7
F27B 17/00; **C22B 21/00**; **F27D 7/04**; **F27D 17/00**

IPC 8 full level
C22B 21/00 (2006.01); **F27B 17/00** (2006.01); **F27D 7/04** (2006.01)

CPC (source: EP KR)
C22B 21/0084 (2013.01 - EP); **F27B 3/00** (2013.01 - KR); **F27B 17/0083** (2013.01 - EP); **F27D 7/04** (2013.01 - EP)

Citation (search report)
• [A] US 4601750 A 19860722 - ROBAK CASIMIR B [US], et al
• [A] FR 2378866 A1 19780825 - ALUMINUM CO OF AMERICA [US]
• [A] US 4548651 A 19851022 - RAMSEY EVERETT M [US]
• [A] FR 2336649 A1 19770722 - ALUMAX INC [US]

Designated contracting state (EPC)
BE DE ES FR GB IT

DOCDB simple family (publication)
EP 0302480 A2 19890208; **EP 0302480 A3 19890315**; CA 1310492 C 19921124; KR 890004147 A 19890420

DOCDB simple family (application)
EP 88112655 A 19880803; CA 573758 A 19880803; KR 880009913 A 19880803