

Title (en)

INSTALLATION TO ENSURE THE SEPARATION OF GAS FLOWS FROM DIFFERENT ATMOSPHERES

Publication

EP 0199032 A3 19871111 (DE)

Application

EP 86102870 A 19860305

Priority

DE 3510800 A 19850325

Abstract (en)

[origin: EP0199032A2] 1. Apparatus for ensuring the separation of gas flows of different atmosphere in various sections (17, 19) of a furnace, characterized by means (22, 24, 25) for drawing off at least a portion of the gas flow of a first furnace section (17) directly in front of the other, second furnace section (19) and at least partly returning it via retur channels (25) into the side walls (12, 13) of the first furnace section (17) at an angle of 90 +/- 20 degrees to the original flow direction.

IPC 1-7

F27B 9/30; **F27D 7/00**

IPC 8 full level

F27B 9/04 (2006.01); **F27B 9/12** (2006.01); **F27B 9/30** (2006.01)

CPC (source: EP)

F27B 9/3005 (2013.01)

Citation (search report)

- [A] GB 491076 A 19380822 - GORDON DUDLEY PHILLIPS
- [A] DE 811590 C 19510823 - WISTRA OFENBAU
- [A] DE 1908643 B1 19700416 - KELLER OFENBAU GMBH
- [A] DE 3517866 A1 19861120 - KELLER GMBH & CO KG [DE]

Cited by

DE4434780C1

Designated contracting state (EPC)

FR GB IT

DOCDB simple family (publication)

DE 3510800 C1 19860612; CZ 189186 A3 19950614; CZ 279956 B6 19950913; DD 244623 A5 19870408; EP 0199032 A2 19861029; EP 0199032 A3 19871111; EP 0199032 B1 19900627; ES 553797 A0 19870216; ES 8703614 A1 19870216; JP S61268979 A 19861128

DOCDB simple family (application)

DE 3510800 A 19850325; CS 189186 A 19860318; DD 28823886 A 19860324; EP 86102870 A 19860305; ES 553797 A 19860324; JP 6500486 A 19860325