

Title (en)

INSTALLATION FOR SMOKE EXTRACTION AND SOUND REDUCTION FOR METALLURGICAL FURNACES, IN PARTICULAR ARC FURNACES

Publication

EP 0236550 B1 19910502 (DE)

Application

EP 86115005 A 19861029

Priority

DE 3603654 A 19860206

Abstract (en)

[origin: EP0236550A2] In the installation, consisting of a cell (3) which is provided with smoke gas extraction devices and closable openings and surrounds the furnace (1), incoming air from outside the cell (3) is supplied to the cell interior above the furnace floor (10) via channels (7) which are arranged in the cell interior, are provided with incoming air outlet openings and are possibly vertically and/or laterally adjustable. The incoming air supply takes place via a fan (8). Regulation of the incoming air quantity can be controlled depending on the respective operational situation of the furnace. <IMAGE>

IPC 1-7

F27D 17/00; F27D 23/00

IPC 8 full level

F27B 3/10 (2006.01); **F27D 17/00** (2006.01); **F27D 99/00** (2010.01)

CPC (source: EP)

F27B 3/10 (2013.01); **F27D 17/003** (2013.01)

Cited by

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Designated contracting state (EPC)

CH DE FR LI SE

DOCDB simple family (publication)

DE 3603654 A1 19870813; DE 3679058 D1 19910606; EP 0236550 A2 19870916; EP 0236550 A3 19890308; EP 0236550 B1 19910502

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