

Title (en)  
AIR-COOLABLE FURNACE WALL

Publication  
**EP 0216021 B1 19890111 (DE)**

Application  
**EP 86107903 A 19860610**

Priority  
DE 3533240 A 19850918

Abstract (en)  
[origin: US4671191A] The invention relates to an air-cooled combustion chamber wall for combustion furnaces. The combustion chamber wall comprises at least one masonry wall with a space in the middle for the passage of cooling air along the side of the wall away from the combustion chamber side. To create a simple, stable and effective structure, the invention proposes that the masonry be made of bricks, whose walls enclose at least one air duct.

IPC 1-7  
**F23M 5/08**; **F23M 5/02**; **F27D 1/00**

IPC 8 full level  
**F23M 5/02** (2006.01); **F23M 5/08** (2006.01); **F27D 1/00** (2006.01)

CPC (source: EP US)  
**F23M 5/02** (2013.01 - EP US); **F23M 5/085** (2013.01 - EP US); **F27D 1/00** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0216021 A1 19870401**; **EP 0216021 B1 19890111**; AT E39996 T1 19890115; CA 1277871 C 19901218; DE 3533240 A1 19870326; DE 3533240 C2 19890126; DE 3661773 D1 19890216; DK 165566 B 19921214; DK 165566 C 19930426; DK 362586 A 19870319; DK 362586 D0 19860730; FI 863263 A0 19860811; FI 863263 A 19870319; FI 87489 B 19920930; FI 87489 C 19930111; US 4671191 A 19870609

DOCDB simple family (application)  
**EP 86107903 A 19860610**; AT 86107903 T 19860610; CA 518208 A 19860915; DE 3533240 A 19850918; DE 3661773 T 19860610; DK 362586 A 19860730; FI 863263 A 19860811; US 90575086 A 19860909