

Title (en)  
Grate bar

Title (de)  
Rostblock

Title (fr)  
Barreau de grille

Publication  
**EP 0989363 B2 20031210 (DE)**

Application  
**EP 98810960 A 19980924**

Priority  
EP 98810960 A 19980924

Abstract (en)  
[origin: EP0989363A1] A part section (16a,16e) of the tube (16) runs laterally in the grate block (1) in a longitudinal direction (L). The part section extends over a fifth of the total length of the grate block. The side walls (29a,29b) and the wall (23) constituting the usage surface form a corner along which the part section runs. The grate block has a front part (24) running vertically to the longitudinal direction and a part section (16g) of the tube runs in this front part vertically to the longitudinal direction. The grate block has a terminal part (21) running vertically to the longitudinal direction and the tube has fluid feed and outlet connections (30,43). These connections are arranged in the area of the terminal part.

IPC 1-7  
**F23H 3/02**; **F23H 17/12**

IPC 8 full level  
**F23G 5/00** (2006.01); **F23H 3/02** (2006.01); **F23H 17/12** (2006.01)

CPC (source: EP KR)  
**F23G 5/00** (2013.01 - KR); **F23H 3/02** (2013.01 - EP); **F23H 17/12** (2013.01 - EP); **F23H 2900/03021** (2013.01 - EP)

Citation (opposition)  
Opponent :

- WO 9629544 A1 19960926 - KOCH THEODOR [CH]
- DE 19650742 C1 19980219 - METALLGESELLSCHAFT AG [DE]
- US 2240590 A 19410506 - WALLACE GEORGE W

Cited by  
EP1617143A3; DE102015101356A1; EP1744101A3; WO0221049A1

Designated contracting state (EPC)  
CH DE FR IT LI NL SE

DOCDB simple family (publication)  
**EP 0989363 A1 20000329**; **EP 0989363 B1 20010221**; **EP 0989363 B2 20031210**; CZ 292887 B6 20031217; CZ 9903396 A3 20010117; DE 59800483 D1 20010329; JP 2000104913 A 20000411; KR 100413503 B1 20031231; KR 20000023442 A 20000425; TW 595703 U 20040621

DOCDB simple family (application)  
**EP 98810960 A 19980924**; CZ 339699 A 19990924; DE 59800483 T 19980924; JP 26989799 A 19990924; KR 19990041198 A 19990922; TW 92222303 U 19990903