

Title (en)
WATER-COOLED FIRING GRATE

Title (de)
MIT WASSER GEKÜHLTER VERBRENNUNGSROST

Title (fr)
GRILLE DE COMBUSTION A REFROIDISSEMENT PAR EAU

Publication
EP 0954722 B1 20010523 (DE)

Application
EP 97913176 A 19971024

Priority
• DE 19650742 A 19961206
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Abstract (en)
[origin: US6145451A] PCT No. PCT/EP97/05893 Sec. 371 Date May 12, 1999 Sec. 102(e) Date May 12, 1999 PCT Filed Oct. 24, 1997 PCT Pub. No. WO98/25079 PCT Pub. Date Jun. 11, 1998A water-cooled firing grate made up of grate bar blocks extending over the width of the grate and each having a plurality of grate bars mounted on a grate bar carrier and interconnected by connecting pieces communicating between meandering shaped channels in the grate bar and a pair of end pieces forming an inlet and an outlet at the outer boundaries of the block and connected to an inlet and an outlet for the cooling water. The pieces are so fixed to the bars that they maintain a clearance between the bars of 1 to 1.5 mm.

IPC 1-7
F23H 1/02; **F23H 17/00**; **F23H 7/08**; **F23H 1/02**

IPC 8 full level
F23H 1/02 (2006.01); **F23H 3/02** (2006.01); **F23H 7/08** (2006.01); **F23H 17/00** (2006.01)

CPC (source: EP US)
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