

Title (en)

Air-cooled grate block

Title (de)

Luftgekühlter Rostblock

Title (fr)

Bloc de grille à refroidissement par air

Publication

EP 2184540 B1 20111221 (DE)

Application

EP 08019348 A 20081105

Priority

EP 08019348 A 20081105

Abstract (en)

[origin: EP2184540A1] The air-cooled grate block (1) has a block body (5) embodied as a cast part, which has an upper wall (10) and a front wall (20). The upper wall forms a bearing surface (15), and a base (25) is pre-formed in the front wall. A cooling channel (40) is connected with another cooling channel (60). Another cooling channel is formed at a wall inlet (35) by one of an inlet opening (50) arranged adjacent to the base. The front wall and a cooling channel wall (55) are spaced from the upper wall. An independent claim is included for a grate with multiple grate block rows.

IPC 8 full level

F23H 3/02 (2006.01); **F23H 7/08** (2006.01); **F23H 17/12** (2006.01)

CPC (source: EP US)

F23H 3/02 (2013.01 - EP US); **F23H 7/08** (2013.01 - EP US); **F23H 17/12** (2013.01 - EP US)

Cited by

EP3023694A1; EP3798515A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2184540 A1 20100512; **EP 2184540 B1 20111221**; AT E538347 T1 20120115; JP 2012507688 A 20120329; JP 5549890 B2 20140716; US 2011253018 A1 201111020; WO 2010051953 A1 20100514

DOCDB simple family (application)

EP 08019348 A 20081105; AT 08019348 T 20081105; EP 2009007828 W 20091102; JP 2011535038 A 20091102; US 200913122642 A 20091102