

Title (en)
Grate plate

Title (de)
Rostplatte

Title (fr)
Plaque de grille

Publication
EP 0825383 B1 20020123 (DE)

Application
EP 97111615 A 19970709

Priority
DE 19632316 A 19960810

Abstract (en)
[origin: DE19632316C1] The grate plate extends over the complete width of the feed grate and the grate path and is cooled by water or by a coolant boiling at a higher temperature than water. The grate plate is formed from a basic body (2) forming a grate plate foot (4) and at least one cover segment (3) forming a grate plate body (5). The cover segment and the basic body are releasably connected to one another. The base body and the cover segment are formed with at least one coolant inflow and outflow. Between the basic body and the cover segment is an air gap (6). The basic body is formed from two side plates between which is a floor plate and possibly one or more intermediate plates and at least one hollow profile through which coolant flows. The hollow profile is formed between the side plates or between the side plates and the intermediate plates or between the intermediate plates.

IPC 1-7
F23H 3/02; **F23H 17/12**; **F23H 7/08**

IPC 8 full level
F23H 3/02 (2006.01); **F23H 7/08** (2006.01); **F23H 17/12** (2006.01); **F23H 11/12** (2006.01)

CPC (source: EP)
F23H 3/02 (2013.01); **F23H 7/08** (2013.01); **F23H 17/12** (2013.01); **F23H 2900/03021** (2013.01); **F23H 2900/17002** (2013.01)

Cited by
CN112610955A; FR2894012A1; DE19851471A1; DE19912944C1

Designated contracting state (EPC)
AT BE DE DK ES GR IT LU NL PT

DOCDB simple family (publication)
EP 0825383 A2 19980225; **EP 0825383 A3 19980916**; **EP 0825383 B1 20020123**; AT E212429 T1 20020215; CZ 249297 A3 19980318; CZ 291546 B6 20030416; DE 19632316 C1 19970904; DE 59706162 D1 20020314; HU 218993 B 20010129; HU 9701047 D0 19970828; HU P9701047 A2 19980428; HU P9701047 A3 19990928; PL 321534 A1 19980216; SK 106697 A3 19980603

DOCDB simple family (application)
EP 97111615 A 19970709; AT 97111615 T 19970709; CZ 249297 A 19970806; DE 19632316 A 19960810; DE 59706162 T 19970709; HU P9701047 A 19970613; PL 32153497 A 19970808; SK 106697 A 19970806