

Title (en)

Grate plate for a grate cooler

Title (de)

Rostplatte für einen Rostkühler

Title (fr)

Plaque de grille pour refroidisseur à grille

Publication

**EP 1445567 B1 20070613 (DE)**

Application

**EP 03029618 A 20031222**

Priority

DE 10305113 A 20030207

Abstract (en)

[origin: EP1445567A1] The grille plate (ventilating element) contains at least one aperture (1.1) for cooling gas to enter a bath-shaped component (1), and an insert forming a resting surface for the friable material, which can be ventilated from below. The insert consists of several long strips (2.1, 2.7) and connecting elements (2.8, 2.11) running transversely to them/ The long strips and connecting elements are made to fit into each other.

IPC 8 full level

**F25D 1/00** (2006.01); **F27D 15/02** (2006.01); **F24F 7/007** (2006.01)

CPC (source: EP US)

**F27D 15/022** (2013.01 - EP US)

Cited by

DE102014008010A1; WO2015185542A1; DE102014008010B4

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1445567 A1 20040811; EP 1445567 B1 20070613**; AT E364825 T1 20070715; BR PI0400176 A 20041228; BR PI0400176 B1 20131224; CA 2456407 A1 20040807; CA 2456407 C 20110315; CN 100568401 C 20091209; CN 1519863 A 20040811; CZ 2004207 A3 20050316; CZ 298686 B6 20071219; DE 10305113 A1 20040819; DE 50307460 D1 20070726; DK 1445567 T3 20071008; ES 2286378 T3 20071201; JP 2004239604 A 20040826; JP 4351547 B2 20091028; MX PA04001170 A 20050217; US 2004168340 A1 20040902; US 6997009 B2 20060214

DOCDB simple family (application)

**EP 03029618 A 20031222**; AT 03029618 T 20031222; BR PI0400176 A 20040204; CA 2456407 A 20040129; CN 200410004050 A 20040206; CZ 2004207 A 20040206; DE 10305113 A 20030207; DE 50307460 T 20031222; DK 03029618 T 20031222; ES 03029618 T 20031222; JP 2004026622 A 20040203; MX PA04001170 A 20040206; US 77011404 A 20040202