

Title (en)

Grate bar with corresponding grate and incinerator

Title (de)

Rostplatte, zugehöriger Verbrennungsrast und korrespondierende Reststoffverbrennungsanlage

Title (fr)

Barreau de grille, grille et incinérateur équipés dudit barreau

Publication

**EP 1617143 B1 20070103 (DE)**

Application

**EP 05014330 A 20050701**

Priority

DE 102004034322 A 20040715

Abstract (en)

[origin: EP1617143A2] The grill plate has an upper side (10), underside (12), two lengthwise sides (14,16) and two widthwise sides. On the side next to the first lengthwise side the plate has a device to attach to a support part (20). Underneath and next to the second lengthwise side is at least one flow channel (32), to which a section (16u) next to the underside (14) of the second lengthwise side is led along the area under the plate to an opening. A channel (40) conducting cooling fluid runs in a first section (10r) of the upper side. The combustion grate has several such grill plates.

IPC 8 full level

**F23H 3/02** (2006.01); **F23H 3/04** (2006.01); **F23H 11/12** (2006.01); **F23H 17/12** (2006.01)

CPC (source: EP US)

**F23H 3/02** (2013.01 - EP US); **F23H 3/04** (2013.01 - EP US); **F23H 17/12** (2013.01 - EP US); **F23H 2900/03021** (2013.01 - EP US)

Cited by

EP2184540A1; EP2584264A1; US9845951B2; WO2010051953A1; WO2013029680A1; WO2013056687A1

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DOCDB simple family (publication)

**EP 1617143 A2 20060118**; **EP 1617143 A3 20060215**; **EP 1617143 B1 20070103**; AT E350624 T1 20070115; CN 100582579 C 20100120; CN 1721766 A 20060118; DE 102004034322 A1 20060209; DE 102004034322 B4 20060928; DE 502005000277 D1 20070215; ES 2278360 T3 20070801; JP 2006029775 A 20060202; JP 4231035 B2 20090225; PL 1617143 T3 20070831; US 2006011114 A1 20060119

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