

Title (en)

Grate bar, combustion grate using the same and corresponding waste material incineration plant

Title (de)

Rostplatte, zugehöriger Verbrennungsrost und korrespondierende Reststoffverbrennungsanlage

Title (fr)

Élément de grille, grille de combustion associée et installation d'incinération de matière résiduelle

Publication

EP 1612483 B1 20080723 (DE)

Application

EP 05013884 A 20050628

Priority

DE 102004032291 A 20040703

Abstract (en)

[origin: EP1612483A2] The grate plate for a combustion grate has an upper side (10), lower side (12), two long sides, and two broad sides. Adjacent to one long side (14) the grate plate has at least one device for the connection of a support element (20), and constructed below the upper side and close to the second long side (16) is at least one flow passage (32) along which air is guided from a region below the grate plate up to an opening (32o) on the second long side's section (16u) adjacent to the lower side. Independent claims are also included for the following: (A) a combustion grate, and especially a thrust combustion grate, equipped with a number of the aforesaid combustion grates; and (B) a waste material combustion system with a combustion grate.

IPC 8 full level

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

CPC (source: EP US)

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

Cited by

EP2306086A2; DE102009042722A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1612483 A2 20060104; **EP 1612483 A3 20060208**; **EP 1612483 B1 20080723**; AT E402375 T1 20080815; CN 1715752 A 20060104; CN 1715752 B 20101229; DE 102004032291 A1 20060209; DE 102004032291 B4 20060713; DE 502005004779 D1 20080904; DK 1612483 T3 20081020; ES 2308341 T3 20081201; JP 2006017454 A 20060119; PL 1612483 T3 20081128; US 2006000396 A1 20060105

DOCDB simple family (application)

EP 05013884 A 20050628; AT 05013884 T 20050628; CN 200510082245 A 20050704; DE 102004032291 A 20040703; DE 502005004779 T 20050628; DK 05013884 T 20050628; ES 05013884 T 20050628; JP 2005194392 A 20050701; PL 05013884 T 20050628; US 17190305 A 20050630