

Title (en)
Grate bar

Title (de)
Roststab

Title (fr)
Barreau de grille

Publication
EP 2487414 B1 20161102 (DE)

Application
EP 11153400 A 20110204

Priority
EP 11153400 A 20110204

Abstract (en)
[origin: EP2487414A1] The bar (1) has an upper combustion surface (4) facing a combustion side, and a rear support region (2) placed on a grate carrier. A front nose region (3) is rounded between the combustion surface and a front edge (3'), and cooling fins for cooling air protrude from a lower face of the combustion surface. A head part (8) comprises regionally thickened head fins that are arranged below the combustion surface in a longitudinal direction and a vertical direction. Head slots are formed between a lateral end wall and the head fins, where the bar is made of metal. An independent claim is also included for a grate.

IPC 8 full level
F23H 3/04 (2006.01); **F23H 7/08** (2006.01); **F23H 17/12** (2006.01)

CPC (source: EP US)
F23H 3/04 (2013.01 - EP US); **F23H 7/08** (2013.01 - EP US); **F23H 17/12** (2013.01 - EP US)

Cited by
EP4303492A1; DE102014004660A1; DE102014008858A1; WO2024008930A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2487414 A1 20120815; EP 2487414 B1 20161102; CN 103354889 A 20131016; EP 2671026 A1 20131211; JP 2014507621 A 20140327; RU 2013140667 A 20150310; US 2013306050 A1 20131121; WO 2012104111 A1 20120809

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EP 11153400 A 20110204; CN 201280007405 A 20120105; EP 12700216 A 20120105; EP 2012050156 W 20120105; JP 2013552145 A 20120105; RU 2013140667 A 20120105; US 201213983120 A 20120105