

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)  
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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