

Title (en)

High temperature resistant grate bar

Title (de)

Hochtemperaturbeständiger Roststab

Title (fr)

Barreau de grille de combustion résistant aux températures élevées

Publication

**EP 1008806 A3 20010307 (DE)**

Application

**EP 99811098 A 19991129**

Priority

DE 19857416 A 19981212

Abstract (en)

[origin: EP1008806A2] A high temperature grate bar has a layer (3) of ceramic elements (5) embedded in the interspaces (6) of a metallic mesh frame structure (4). Preferred Features: The ceramic elements (5) comprise hydraulically or chemically bonded aluminum oxide, chromium oxide, silicon carbide, silicon nitride, silicon dioxide or their mixtures.

IPC 1-7

**F23H 17/12**

IPC 8 full level

**F23H 7/00** (2006.01); **F23H 7/08** (2006.01); **F23H 17/12** (2006.01)

CPC (source: EP KR)

**F23H 7/00** (2013.01 - KR); **F23H 7/08** (2013.01 - EP); **F23H 17/12** (2013.01 - EP); **F23H 2700/009** (2013.01 - EP); **F23H 2900/17001** (2013.01 - EP)

Citation (search report)

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- [A] WO 8806256 A1 19880825 - PAULI BALDUIN [DE]
- [A] DE 19714573 C1 19980416 - ECM INGENIEUR UNTERNEHMEN FUER [DE], et al
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Designated contracting state (EPC)

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