

Title (en)

COMBUSTION GRATE AND PROCESS FOR OPTIMISING ITS OPERATION

Title (de)

VERBRENNUNGSROST UND VERFAHREN ZUM OPTIMIEREN DES BETRIEBES EINES VERBRENNUNGSROSTES

Title (fr)

GRILLE DE COMBUSTION ET PROCEDE D'OPTIMISATION DU FONCTIONNEMENT D'UNE GRILLE DE COMBUSTION

Publication

**EP 0815396 A1 19980107 (DE)**

Application

**EP 96905649 A 19960312**

Priority

- CH 9600092 W 19960312
- CH 83095 A 19950323

Abstract (en)

[origin: WO9629544A1] The combustion grate is fully or partly gas and liquid-cooled via a control circuit. Here, the regulating value may be the grate temperature, the temperature of at least one grate bar or the combustion air temperature, especially the under-grate blast temperature. The reference value for the control circuit is the cooling water flow rate per unit time and/or the cooling water temperature. The control circuit is closed. Such a combustion grate makes it possible to obtain the best possible operation for a wide variety of fuels so that certain parts, especially grate components, of such installations bear virtually no stresses and have a long useful life.

IPC 1-7

**F23H 3/02**; **F23H 17/12**; **F23H 7/08**

IPC 8 full level

**F23H 3/02** (2006.01); **F23H 7/08** (2006.01); **F23H 17/12** (2006.01)

CPC (source: EP KR US)

**F23H 3/02** (2013.01 - EP KR US); **F23H 7/08** (2013.01 - EP US); **F23H 17/12** (2013.01 - EP US); **F23H 2900/03021** (2013.01 - EP US)

Citation (search report)

See references of WO 9629544A1

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