

Title (en)
Combustion grate

Title (de)
Brennrost

Title (fr)
Grille de combustion

Publication
EP 2434215 A3 20130904 (DE)

Application
EP 11182838 A 20110927

Priority
DE 102010046738 A 20100928

Abstract (en)
[origin: EP2434215A2] The grate (1) has nozzle tubes (2) i.e. steel tubes, lying adjacent to each other with a spacing and forming a grate region. Ends of the tubes project into retaining parts (6), which are components of air outlet openings surrounding the grate region. The tubes are connected with air supply ducts (5a, 5b) in the retaining parts. Grate rods (4) i.e. massive metal rods, are arranged above the tubes adjacent to each other with a spacing. The rods run transverse to the tubes in an overview. A height distance between the tubes and the rods is variably adjustable. Independent claims are also included for the following: (1) a combustion device comprising a combustion grate (2) a building block for manufacturing a combustion grate.

IPC 8 full level
F23B 60/02 (2006.01); **F23H 1/02** (2006.01); **F23H 17/06** (2006.01); **F23N 5/00** (2006.01)

CPC (source: EP)
F23B 60/02 (2013.01); **F23H 1/02** (2013.01); **F23H 17/06** (2013.01); **F23N 5/006** (2013.01)

Citation (search report)

- [AD] DE 10148686 C1 20030710 - POSCH HERIBERT [DE]
- [A] FR 2592944 A1 19870717 - ETUDE APPLIC GLE ELEMENTS MECA [FR]
- [A] EP 0706010 A2 19960410 - POSCH HERIBERT [DE]

Cited by
CN112555895A; CN115446084A

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2434215 A2 20120328; EP 2434215 A3 20130904; EP 2434215 B1 20150107; DE 102010046738 A1 20120329;
DE 102010046738 B4 20170511

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