

Title (en)
COMBUSTION APPLIANCE FOR SOLID FUELS

Title (de)
VERBRENNUNGSVORRICHTUNG FÜR FESTE BRENNSTOFFE

Title (fr)
APPAREIL DE COMBUSTION POUR COMBUSTIBLES SOLIDES

Publication
EP 3754261 A1 20201223 (EN)

Application
EP 20180979 A 20200619

Priority
IT 201900009447 A 20190619

Abstract (en)
A combustion appliance (1) for solid fuels, comprising a combustion chamber (4), means for conveying combustion air comprising an inlet mouth of the combustion air, a heat exchange group (8) comprising a duct of the fluid to be heated (81) and a combustion smoke duct (82), each having an outlet mouth (81b, 82b); at least one outlet group (10) comprising a flange (11) coupled to the outlet mouth (81b, 82b) or to the inlet mouth of the combustion air and a manifold element (12) having an inlet port (12a) adapted to be removably fixed to the flange (11) and an outlet port (12b) adapted to be associated with an external pipe. The manifold element (12) is shaped in such a way that it can be fixed to the flange (11) according to at least two mutual positions so that the outlet port (12b) is arranged according to at least two distinct orientations.

IPC 8 full level
F24B 1/188 (2006.01); **F24B 1/195** (2006.01); **F24B 5/02** (2006.01); **F24B 7/00** (2006.01)

CPC (source: EP)
F24B 1/1885 (2013.01); **F24B 5/021** (2013.01); **F24B 7/005** (2013.01); **F24B 1/195** (2013.01)

Citation (search report)

- [IY] US 5941231 A 19990824 - GARRETT MICHAEL K [US], et al
- [A] US 6910478 B2 20050628 - KELLY PAT [US], et al
- [Y] DE 102016001460 A1 20170810 - RIENER KARL STEFAN [AT]
- [A] US 6295981 B1 20011002 - BEAL THOMAS J [US], et al

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 3754261 A1 20201223; **EP 3754261 B1 20230510**; IT 201900009447 A1 20201219

DOCDB simple family (application)
EP 20180979 A 20200619; IT 201900009447 A 20190619