

Title (en)

SOLID FUEL FIRED BOILER PLANT AND FURNACE UNIT AND FLUE GAS UNIT FOR USE IN SUCH A BOILER PLANT

Title (de)

MIT FESTEN BRENNSTOFFEN GEFEUERTE KESSELANLAGE UND FEUERUNGSEINRICHTUNG UND RAUCHGASEINRICHTUNG FÜR VERWENDUNG IN SOLCHER ANLAGE

Title (fr)

INSTALLATION DE CHAUDIERE A COMBUSTIBLE SOLIDE ET UNITES DE CHAMBRE DE COMBUSTION ET DE GAZ DE COMBUSTION UTILISEES DANS CETTE INSTALLATION

Publication

**EP 1015813 B1 20020417 (EN)**

Application

**EP 97943801 A 19971017**

Priority

- DK 9700456 W 19971017
- DK 115596 A 19961018

Abstract (en)

[origin: WO9817946A1] The invention relates to a solid fuel boiler plant comprising a combustion section (5) and a flue gas section (6). The invention further relates to a furnace unit and a flue gas unit. The combustion section (5) and the flue gas section (6) have a first lateral wall (1, 11), a second lateral wall (2, 12), a third lateral wall (3, 13) and a fourth lateral wall (4, 14). The lateral walls (1, 2, 3, 4, 11, 12, 13, 14) are formed by pipings (2) with a heat transmission medium, preferably water/steam, inside the pipes (22). The second lateral walls (2, 12) of the combustion section (5) and the flue gas section (6), respectively, coincide. The second lateral wall (2, 12) extends in parallel with a substantial flow direction of the flue gas through the combustion section (5) and the flue gas section (6), respectively, and forms a shelter wall between the combustion section (5) and the flue gas section (6). In a preferred embodiment the combustion section (5) is provided with a lining (8).

IPC 1-7

**F22B 21/34; F22B 31/00**

IPC 8 full level

**F22B 21/34** (2006.01)

CPC (source: EP)

**F22B 21/343** (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB IE IT LI NL PT SE

DOCDB simple family (publication)

**WO 9817946 A1 19980430**; AT E216475 T1 20020515; AU 4551497 A 19980515; BR 9712331 A 19990831; CZ 297187 B6 20060913; CZ 9901365 A3 20011114; DE 69712112 D1 20020523; DE 69712112 T2 20021205; DK 1015813 T3 20020812; EP 1015813 A1 20000705; EP 1015813 B1 20020417; ES 2178007 T3 20021216; PL 186730 B1 20040227; PL 332731 A1 19991011

DOCDB simple family (application)

**DK 9700456 W 19971017**; AT 97943801 T 19971017; AU 4551497 A 19971017; BR 9712331 A 19971017; CZ 136599 A 19971017; DE 69712112 T 19971017; DK 97943801 T 19971017; EP 97943801 A 19971017; ES 97943801 T 19971017; PL 33273197 A 19971017