

Title (en)
BOILER FOR A LOW-TEMPERATURE HEATING

Publication
EP 0194421 A3 19880803 (DE)

Application
EP 86100865 A 19860123

Priority
DE 3508117 A 19850307

Abstract (en)
[origin: EP0194421A2] The boiler is provided with two water jackets (1, 6), between which a first smoke gas flue (9) is formed. Inserted into the inner space of the inner water jacket (6), which is separated from the combustion chamber (5), is a waste gas pipe (10), a second smoke gas flue (11) being formed between the waste gas pipe (10) and the inner water jacket (6). The cross-section of the smoke gas flues (9, 11) is dimensioned in such a manner that smoke gas speeds of such a magnitude are established that a turbulent flow prevails in the region close to the wall.

IPC 1-7
F24H 1/28

IPC 8 full level
F24H 1/28 (2006.01)

CPC (source: EP)
F24H 1/282 (2013.01)

Citation (search report)

- [X] DE 1110844 C
- [A] DD 154308 A1 19820310 - BECHER UDO
- [A] DE 3116992 A1 19821118 - BUDERUS AG [DE]

Designated contracting state (EPC)
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