

Title (en)
FIREPLACE

Publication
EP 0044401 B1 19860226 (DE)

Application
EP 81104478 A 19810611

Priority
• CH 117881 A 19810223
• CH 555680 A 19800721

Abstract (en)
[origin: ES8204829A1] The floor of the furnace space [fire chamber] of the heating fireplace is constituted by a horizontal, flat part (7) and the rear wall of the furnace space is constituted in part by a vertical, flat part (8) of a heat exchanger serving for heating water for a hot water heater. Heat is transferred to the water on the sides (38, 39) of the heat exchanger (7, 8) facing the furnace space, and to two fresh air currents on the sides (9, 41) of the heat exchanger (7, 8) facing away from the furnace space. One of these air currents (42) extends under the horizontal heat exchanger part (7) and is fed through an opening (15) therein to the fire as combustion air the other air current extends in a downdraft duct (22) along the rear wall (8) of the furnace space and further through an updraft duct (25) exposed to the heat of the fire and is fed to the room to be heated as heated, fresh air.

IPC 1-7
F24B 9/04

IPC 8 full level
F24B 1/183 (2006.01)

CPC (source: EP US)
F24B 1/183 (2013.01 - EP US)

Citation (examination)
CH 553948 A 19740913 - SUPERPART AG

Cited by
EP1956298A1; GB2162306A

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0044401 A1 19820127; EP 0044401 B1 19860226; BR 8104659 A 19820406; CA 1166106 A 19840424; DE 3173864 D1 19860403; DK 312581 A 19820122; ES 504110 A0 19820516; ES 8204829 A1 19820516; FI 71830 B 19861031; FI 71830 C 19870209; FI 812206 L 19820122; GR 74963 B 19840712; IE 51375 B1 19861210; IE 811526 L 19820121; IL 63307 A0 19811030; NO 151339 B 19841210; NO 151339 C 19850320; NO 812483 L 19820122; PL 232290 A1 19820201; PT 73381 A 19810801; PT 73381 B 19821027; US 4426994 A 19840124

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EP 81104478 A 19810611; BR 8104659 A 19810720; CA 381008 A 19810702; DE 3173864 T 19810611; DK 312581 A 19810714; ES 504110 A 19810720; FI 812206 A 19810713; GR 810165475 A 19810618; IE 152681 A 19810707; IL 6330781 A 19810715; NO 812483 A 19810720; PL 23229081 A 19810720; PT 7338181 A 19810716; US 27707581 A 19810625