

Title (en)
Compact air heater

Title (de)
Kompaktes Luftheizgerät

Title (fr)
Dispositif de chauffage aérothermique compact

Publication
EP 1722171 A1 20061115 (FR)

Application
EP 05291004 A 20050510

Priority
EP 05291004 A 20050510

Abstract (en)
The device has a heat exchanger (3) that is made of non-annealed copper and yellow metal. The heat exchanger comprises a heat reception part (9) that is placed in a combustion chamber (1) at proximity of a gas burner (2). The exchanger forms a grid that is determined by a set of flat tubes (7) that are parallel with each other. A closed water circuit (5) is established through the heat exchanger and a pump (6) circulating the water in the closed circuit.

IPC 8 full level
F24H 3/08 (2006.01)

CPC (source: EP)
F24H 3/087 (2013.01)

Citation (search report)
• [Y] US 4622947 A 19861118 - HAYS HERBERT G [US], et al
• [Y] EP 1306626 A2 20030502 - OUTOKUMPU OY [FI]
• [A] US 5036829 A 19910806 - WOO CHI G [US]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
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