

Title (en)
HEATER INCORPORATING A WATER TANK

Publication
EP 0270049 A3 19881130 (DE)

Application
EP 87117648 A 19871128

Priority
• DE 3641000 A 19861201
• DE 3736321 A 19871027

Abstract (en)
[origin: EP0270049A2] The combined arrangement comprises a water-conducting housing (2), in which a tank (3) is arranged above the firing part (4). In order to optimise the heat transfer conditions, in particular with regard to a thermal stratification in the tank and in order to counteract the formation or sustaining of germs, a heater incorporating a water tank is envisaged in such a way that the peripheral wall (1) of the water-conducting housing (2) between tank and firing part (3, 4) is designed with reduced circumference in the form of an overflow shaft (2') and along the side shaft walls (2'') there are arranged at a distance from the latter parallel directing surfaces (25), the end edges (25') of which are arranged bent off and protruding into the water-conducting inner spaces (I) between tank (3) or firing part (4) and the respectively adjacent housing walls (1'). <IMAGE>

IPC 1-7
F24H 1/22

IPC 8 full level
F24H 1/22 (2006.01); **F24H 1/50** (2006.01)

CPC (source: EP)
F24H 1/50 (2013.01)

Citation (search report)
• CH 443604 A 19670915 - VIESSMANN HANS [DE]
• CH 629291 A5 19820415 - STUECKLIN & CIE AG [CH]
• FR 1572928 A 19690627

Cited by
WO2006076909A1

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

DOCDB simple family (publication)
EP 0270049 A2 19880608; EP 0270049 A3 19881130; EP 0270049 B1 19910220; AT E60944 T1 19910315; DE 3768075 D1 19910328

DOCDB simple family (application)
EP 87117648 A 19871128; AT 87117648 T 19871128; DE 3768075 T 19871128