

Title (en)
APPLIANCE FOR HEATING AND STORING SUPPLY WATER

Publication
EP 0320678 A3 19900711 (DE)

Application
EP 88119647 A 19881125

Priority
DE 8716433 U 19871212

Abstract (en)
[origin: EP0320678A2] The appliance consists of a container (3) with a helically coiled tubular heat exchanger (1), which is arranged in the lower inner region and is provided with a charge pump (17), and with lower cold and upper hot water connection, there being arranged over the heat exchanger (1) a downwardly open, approximately bell-shaped covering (2) which encloses the heat exchanger (1) laterally and the side wall of which delimits with the container inner wall a gap (22) and which has on its uppermost surface region an opening, to which is joined an ascending pipe (10) which ends in open manner in the upper region of the container (3). The volume of the covering (2) containing the heat exchanger (1) corresponds to 30 - 50% of the volume of the container (3). In the free space (4) inside the heat exchanger (1), there is arranged an upwardly or downwardly closed sleeve (5) and under this the mouth (7) of the cold water supply connection (8). Furthermore, there are arranged in the wall (9) of the ascending pipe (10) outlet openings (11), distributed at least over half its upper half. <IMAGE>

IPC 1-7
F24D 3/08

IPC 8 full level
F24D 3/08 (2006.01)

CPC (source: EP)
F24D 3/082 (2013.01)

Citation (search report)

- [A] FR 2461206 A1 19810130 - CHAROT ETS
- [A] DE 8703576 U1 19870423
- [A] BE 700049 A 19671218
- [A] BE 829725 A 19750915

Cited by
CN105202742A; EP0567199A1; DE102004018034A1; DE102004018034B4

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

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