

Title (en)
PLASTIC INSTANT HEATER

Title (de)
DURCHLAUFERHITZER AUS KUNSTSTOFF

Title (fr)
CHAUFFE INSTANTANÉE EN PLASTIQUE

Publication
EP 3093576 A1 20161116 (EN)

Application
EP 16382203 A 20160509

Priority
ES 201530543 U 20150511

Abstract (en)
The instant heater in plastic of this invention comprises a housing (1) forming a heating chamber (7), with an inlet provided with a direct connection (3) for pumping means (10) through which cold liquid enters into the heating chamber (7), and an outlet (4) through which hot liquid exits. The housing (1) hosts a rubber gasket (9) which seals on a heating element (2) which in turn is held together to the housing (1) by a fork (8). The heating element (2) is made with a tubular electric resistance welded to a plate (6) having a second housing (5) for thermo-fuses. Said heating element (2) is disposed within the housing (1) and integrally joined thereto by the fork (8), thus forming a sealed heating chamber (7).

IPC 8 full level
F24H 1/10 (2006.01); **F24H 9/18** (2006.01)

CPC (source: EP)
F24H 1/102 (2013.01); **F24H 9/1818** (2013.01)

Citation (search report)

- [IY] GB 1594092 A 19810730 - P & R ELECTRICAL LONDON LTD
- [Y] WO 03002919 A1 20030109 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [Y] DE 3323058 A1 19840329 - STIEBEL ELTRON GMBH & CO KG [DE]
- [A] GB 2341666 A 20000322 - CARADON MIRA LTD [GB]
- [A] DE 202011002357 U1 20120508 - STIEBEL ELTRON GMBH & CO KG [DE]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3093576 A1 20161116; ES 1139639 U 20150603; ES 1139639 Y 20150825

DOCDB simple family (application)
EP 16382203 A 20160509; ES 201530543 U 20150511