

Title (en)
Adjusted heating device for boiler

Title (de)
Regulierte Heizvorrichtung für Boiler

Title (fr)
Dispositif chauffant régulé pour chauffe-eau

Publication
EP 1818624 B1 20170802 (FR)

Application
EP 07356018 A 20070213

Priority
FR 0601287 A 20060214

Abstract (en)
[origin: EP1818624A2] The immersion heater (1) consists of a base (2) of a conducting material, sealed to a heating resistance (3) and a regulating probe (4), and a fixing surface (6) for fitting and sealing it to a hot water tank. It also has an insulated housing (5) mounted on the base and containing guides and fixings for electrical connections so that the latter are never in direct contact with the heat conducting base. The fixing surface is in the form of a thread or a toothed ring that engages with a matching aperture in the base of the hot water tank and is sealed with a joint.

IPC 8 full level
F24H 9/20 (2006.01); **F24H 9/18** (2006.01)

CPC (source: EP US)
F24H 9/1818 (2013.01 - EP); **F24H 9/2021** (2013.01 - EP US); **F24H 15/20** (2022.01 - EP US); **F24H 15/37** (2022.01 - EP US);
F24H 15/395 (2022.01 - EP US)

Cited by
CN104640254A; FR3122247A1; DE202013002278U1; WO2018225077A1; WO2022223919A1

Designated contracting state (EPC)
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FR 2897421 A1 20070817; FR 2897421 B1 20081226; SA 07280044 B1 20100627; SI 1818624 T1 20180629

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