

Title (en)

Device for mounting heater tubes through a wall of a liquid-container.

Title (de)

Vorrichtung zum Montieren von Tauchrohren durch die Wand eines Flüssigkeitsbehälters.

Title (fr)

Dispositif de montage de tubes plongeurs à travers une paroi d'une enceinte contenant un fluide.

Publication

EP 0091379 A1 19831012 (FR)

Application

EP 83400694 A 19830405

Priority

FR 8205965 A 19820406

Abstract (en)

1. Device for tightly mounting heater tubes (4) in a flange (2) surrounding a passage (3) in a wall of a container (1) for liquids, comprising a plug (9) of elastomeric material having a body (10) fitted in the flange (2), an outer surface (13) and an opposite inner surface, in which are made holes (12) for the passage of the heater tubes (4) therethrough, and further having an outer collar (14) bearing on to the outer surface of the flange (2) and a counterflange (16) of a rigid material in which are made holes (18) for the passage of outer parts (5, 6) of the heater tubes (4) therethrough bearing on to the outer surface of the body (10) of the plug (9), characterized in that the counterflange (16) has a diameter sufficient to cover and press at least an annular portion of the outer collar (14) on to the outer surface of the flange (2), while the inner surface of the body (10) of the plug (9) is free of any compression.

Abstract (fr)

Dispositif de montage de tubes plongeurs à travers une paroi d'une enceinte contenant un fluide. Dans la bride (2) est introduit un tampon (9) en élastomère ayant un corps (10) qui est comprimé radialement (en 15) et une collerette (14) serrée par une contrebride pleine (16) en matière rigide et pourvue de trous (18) pour le passage de bossages (11) aux emplacements des trous (12) de passage des tubes plongeurs (4), ce montage convient bien aux chauffe-eau électriques à accumulation.

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F24H 9/18

IPC 8 full level

F16L 5/02 (2006.01); **F24H 9/18** (2006.01)

CPC (source: EP)

F24H 9/1818 (2013.01)

Citation (search report)

- [A] FR 1371552 A 19640904 - ELPAG AG CHUR
- [A] AT 293560 B 19711011 - EHT GMBH
- [A] AT 330314 B 19760625 - ELPAG AG CHUR [CH]

Cited by

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