

Title (en)

DEVICE FOR SEALINGLY SECURING A HEATER ELEMENT IN AN ELECTRIC HOUSEHOLD APPLIANCE, PARTICULARLY A LAUNDRY WASHING MACHINE

Publication

EP 0153572 A3 19870812 (EN)

Application

EP 85100393 A 19850116

Priority

IT 3401384 U 19840227

Abstract (en)

[origin: EP0153572A2] A device for sealingly securing electric heater elements (7, 8, 9, 10) in an opening (4) formed to this purpose in the wall of a liquid receptacle (3) of a household appliance such as a laundry washing machine comprises a sealing gasket (11) made of an elastic material, and a resilient fastener element (12) made of metal. The sealing gasket has a passage for each heater element to pass therethrough, including a toothed portion (24) for sealing engagement with the respective heater element, and a cavity (25) surrounded by a peripheral lip (18) formed with a peripheral channel (19) for engagement with the peripheral edge (20) of the opening. The fastener element is formed with resilient fingers (13, 14, 15, 16) adapted to be brought into snap engagement with the interior wall of the gasket cavity and the outer surface of the heater element for compressing said lip against the peripheral edge of the opening and retaining the heater element in place.

IPC 1-7

H05B 3/04; D06F 39/04

IPC 8 full level

H05B 3/04 (2006.01)

CPC (source: EP)

H05B 3/04 (2013.01)

Citation (search report)

- [Y] DE 1815429 A1 19690724 - ELPAG AG CHUR
- [Y] DE 1089090 B 19600915 - MIELE & CIE
- [A] US 3997760 A 19761214 - SALINGER FRED G
- [A] FR 2115623 A5 19720707 - EGO ELEKT GERATE BLANC

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