

Title (en)
PIEZOELECTRIC PUMP FOR HOUSEHOLD ELECTRIC APPLIANCE

Title (de)
PIEZOELEKTRISCHE PUMPE FÜR EIN ELEKTRISCHES HAUSHALTSGERÄT

Title (fr)
POMPE PIEZOÉLECTRIQUE POUR APPAREIL ÉLECTROMÉNAGER

Publication
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Application
EP 09774720 A 20091130

Priority

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- FR 0806930 A 20081210

Abstract (en)
[origin: WO2010067157A1] Piezoelectric pump (101, 200) for a household electric appliance comprising a moving wall (4, 204) interposed between a first casing element (1, 201) defining a pumping chamber (5, 205) with said moving wall (4, 204), and a second casing element (2, 202) applying pressure to the periphery of the moving wall (4, 204) in order to hold the latter in position, said moving wall (4, 204) comprising an exterior face in contact with a piezoelectric actuator (41, 241) designed to cause said moving wall (4, 204) to move so as to bring about a periodic variation in the volume of the pumping chamber (5, 205) under the action of said piezoelectric actuator (41, 241), characterized in that said first casing element (1, 201) and said second casing element (2, 202) are held together under stress by means of an elastic clip (9, 209), said elastic clip (9, 209) applying a pressure that tends to compress said first casing element (1, 201) onto said second casing element (2, 202).

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