

Title (en)

Water level regulator in a dishwasher

Title (de)

Wasserniveausteuernungsgerät für eine Geschirrspülmaschine

Title (fr)

Régulateur de niveau d'eau pour une machine à laver la vaisselle

Publication

**EP 0958777 A1 19991124 (EN)**

Application

**EP 99500062 A 19990421**

Priority

ES 9801063 A 19980522

Abstract (en)

The regulator device makes a dynamic regulation of the water, operating when the spray and the dishwasher impeller pump are running, and it comprises a float (3) inside a flotation chamber (4) connected to the dishwasher tub, a lever (8) which pivots on an end shaft (8a), an electric microswitch (6) which is operated by said lever (8) when the float (3) rises, a mechanism (9, 10) which pushes said lever (8) to snap switch two stable positions of said lever (8) in relation to the microswitch (6), and a support plate (12) for the regulator device (1). The rod (3a) of the float does not affect the lever (8) in a prior run between two water levels (2, 2b). <IMAGE>

IPC 1-7

**A47L 15/42**; D06F 39/08

IPC 8 full level

**A47L 15/42** (2006.01); **D06F 39/08** (2006.01)

CPC (source: EP US)

**A47L 15/4244** (2013.01 - EP US)

Citation (applicant)

FR 2202285 A1 19740503 - ELBI SPA [IT]

Citation (search report)

- [A] DE 4029544 A1 19920319 - BOSCH SIEMENS HAUSGERAETE [DE]
- [DA] DE 2261604 A1 19740411 - ELBI S P A REGINA MARGHERITA
- [A] US 3436502 A 19690401 - EGLI ERNST M
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 395 (C - 1229) 25 July 1994 (1994-07-25)

Cited by

CN109662668A; CN110881933A; EP1344861A3; DE102005018879B4; DE112005001193B4; CN106637841A; US7520283B2; US7451773B2; WO2006001623A1; WO02064010A3

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