

Title (en)

Feed safety device for dishwasher machine and relative method of operation

Title (de)

Wasserzufuhrsicherheitsvorrichtung für eine Geschirrspülmaschine und Verfahren zum Betreiben dieser Vorrichtung

Title (fr)

Dispositif de sécurité d'amenée d'eau pour un lave-vaisselle et methode opératoire correspondante

Publication

**EP 1295558 A1 20030326 (EN)**

Application

**EP 02020596 A 20020918**

Priority

IT MI20011976 A 20010921

Abstract (en)

A pneumatic safety device for the feeding of water of a dishwasher machine, characterised in that it comprises: a chamber (3) hermetically sealed by a flexible membrane (21); an air trap (15) placed in the tub of the machine for washing and connected pneumatically to said chamber, said air trap being capable of bending said membrane according to the value of the air pressure inside said chamber determined by the level of feed water in the tub which closes said air trap; a microswitch (23) with pushbutton (25) for actuating the microswitch, said microswitch tripping to emit an alarm signal at a water feed alarm level; and an elastic actuator (27) of the microswitch actuation pushbutton, said elastic actuator being placed between said membrane and said pushbutton and which can be actuated to cause tripping of the microswitch. <IMAGE>

IPC 1-7

**A47L 15/42**

IPC 8 full level

**A47L 15/42** (2006.01)

CPC (source: EP)

**A47L 15/4244** (2013.01)

Citation (search report)

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- [A] FR 1377512 A 19641106 - CONTROLS CO OF AMERICA
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Cited by

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Designated contracting state (EPC)

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