

Title (en)

Dishwasher with automatic door-opening device

Title (de)

Geschirrspülmaschine mit Türöffner-Automatik

Title (fr)

Lave-vaisselle avec dispositif automatique de serrure électrique

Publication

EP 2210547 A1 20100728 (EN)

Application

EP 09425016 A 20090123

Priority

EP 09425016 A 20090123

Abstract (en)

A dishwasher with a bottom-hinged door closed by a pull lock (1) is provided with an automatic door-opening device that includes an opening mechanism consisting of a pair of pushers (2) driven by springs (3) having a force sufficient to overcome the resistance of the pull lock (1), as well as a control mechanism (7, 8) mobile between a retention position in which the pushers (2) are retracted within suitable housings (4) so as to allow the door to be closed (Fig. 3), and a release position in which the springs (3) have pushed the pushers (2) outside the housings (4) so as to cause the opening of the door (Fig. 2).

IPC 8 full level

A47L 15/42 (2006.01)

CPC (source: EP)

A47L 15/4259 (2013.01); **A47L 2501/22** (2013.01); **E05Y 2201/424** (2013.01); **E05Y 2201/426** (2013.01); **E05Y 2201/43** (2013.01); **E05Y 2900/304** (2013.01)

Citation (applicant)

- EP 1935313 A1 20080625 - BONFERRARO SPA [IT]
- EP 1733675 A2 20061220 - MIELE & CIE [DE]

Citation (search report)

- [Y] DE 2405143 A1 19750807 - BOSCH SIEMENS HAUSGERAETE
- [Y] DE 9421812 U1 19970123 - BAUKNECHT HAUSGERAETE [DE]
- [Y] EP 1733675 A2 20061220 - MIELE & CIE [DE]
- [A] DE 20301951 U1 20040609 - LIEBHERR HAUSGERAETE [DE]

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

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