

Title (en)

Washing or rinsing machine with electronic control system

Title (de)

Reinigungsmaschine mit elektronischer Steuerung

Title (fr)

Lave-vaisselle avec commande électronique

Publication

EP 1522251 A3 20090513 (DE)

Application

EP 04020105 A 20040825

Priority

DE 10347835 A 20031010

Abstract (en)

[origin: EP1522251A2] Sensors (D) detect the motion of dish washing machine spray arms or the drum of clothes washing machines and reed switches (S) energise a coil (L2) in the wet area of the machine and hence the primary (L1) in the dry area for evaluation by a frequency analyzer (5) and corrective control unit (6).

IPC 8 full level

A47L 15/46 (2006.01); **A47L 15/23** (2006.01); **D06F 34/16** (2020.01); **D06F 37/20** (2006.01)

CPC (source: EP US)

A47L 15/0049 (2013.01 - EP US); **A47L 15/46** (2013.01 - EP); **D06F 34/16** (2020.02 - EP US); **A47L 15/23** (2013.01 - EP); **A47L 2401/30** (2013.01 - EP); **A47L 2501/26** (2013.01 - EP)

Citation (search report)

- [DA] DE 4020898 A1 19920102 - LICENTIA GMBH [DE]
- [A] EP 0053231 A1 19820609 - ZANUSSI ZELTRON INST [IT]
- [A] EP 0534213 A1 19930331 - ZANUSSI GRANDI IMPIANTI SPA [IT]
- [A] DE 4018048 A1 19911212 - LICENTIA GMBH [DE]

Cited by

WO2015091750A1; WO2011062790A3; DE102013226637A1; US10561294B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

EP 1522251 A2 20050413; **EP 1522251 A3 20090513**; **EP 1522251 B1 20101229**; AT E493058 T1 20110115; DE 10347835 A1 20050512; DE 10347835 B4 20060209; DE 502004012048 D1 20110210

DOCDB simple family (application)

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