

Title (en)

Door locking arrangement for a household appliance, such as for example a dishwashing machine

Title (de)

Türschliessvorrichtung für ein Haushaltsgerät, beispielsweise eine Geschirrspülmaschine

Title (fr)

Dispositif de fermeture de porte pour appareil électroménager, par exemple pour lave-vaisselle

Publication

EP 0917853 A1 19990526 (EN)

Application

EP 98117804 A 19980919

Priority

IT PN970044 U 19971103

Abstract (en)

Locking arrangement for a door consisting of a stationary anchor (90) and an articulated mechanism (100). The latter comprises an actuating lever (20) and a pawl (30) hinged on to a support member (1) and connected to each other through elastic connection means consisting of at least a tension, ie. pulling-action spring (10). The arrangement and the sizing of the various parts making up the articulated mechanism are such that the spring (10), which has preferably a spiral-like wound shape, is held constantly in a tension state. <IMAGE>

IPC 1-7

A47L 15/42

IPC 8 full level

A47L 15/42 (2006.01)

CPC (source: EP)

A47L 15/4259 (2013.01)

Citation (search report)

- [A] FR 2435115 A1 19800328 - EURO HAUSGERAETE GMBH [DE]
- [A] US 3968984 A 19760713 - GUTH LAUREN W
- [AD] EP 0727178 A2 19960821 - YMOS AG IND PRODUKTE [DE]

Cited by

EP1597997A3; EP2016883A1; EP1321092A3; CN105201295A; US2015028734A1; US9580952B2; US2015035295A1; CN104337487A; US10858859B2; FR2992157A1; CN109907712A; AU2006237307B2; AU2006237306B2; US7552738B2; US7775565B2; US8152207B2; WO2006111501A1; WO2006111502A1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

EP 0917853 A1 19990526; EP 0917853 B1 20030129; DE 69811040 D1 20030306; DE 69811040 T2 20031009; IT 243440 Y1 20020304; IT PN970044 U1 19990503; IT PN970044 V0 19971103

DOCDB simple family (application)

EP 98117804 A 19980919; DE 69811040 T 19980919; IT PN970044 U 19971103