

Title (en)  
Household appliance with door

Title (de)  
Haushaltgerät mit Tür

Title (fr)  
Appareil ménager doté d'une porte

Publication  
**EP 2636355 B1 20151007 (DE)**

Application  
**EP 12401038 A 20120307**

Priority  
EP 12401038 A 20120307

Abstract (en)  
[origin: EP2636355A1] The household apparatus (100) has a horizontal axles pivotable door (1) for closing a treatment space provided with a door spring (5). The door spring is provided for limiting the movement of the door by downward pivoting of the door. A sensor (10) is used to monitor the function of the door spring. A deceleration unit (11) is activated if the failure of the door spring is detected by the sensor, and is configured to brake the movement of the door by downward pivoting the door. An independent claim is included for method for operating household apparatus.

IPC 8 full level  
**A47L 15/00** (2006.01); **A47L 15/42** (2006.01); **E05F 15/40** (2015.01); **E05F 15/70** (2015.01); **F24C 15/02** (2006.01)

CPC (source: EP US)  
**A47L 15/0049** (2013.01 - EP US); **A47L 15/4261** (2013.01 - EP US); **E05F 1/1276** (2013.01 - EP US); **E05F 15/40** (2015.01 - EP US); **E05F 15/70** (2015.01 - EP US); **F24C 15/023** (2013.01 - EP US); **A47L 2401/26** (2013.01 - EP US); **A47L 2401/32** (2013.01 - EP US); **A47L 2401/34** (2013.01 - EP US); **A47L 2501/22** (2013.01 - EP US); **A47L 2501/26** (2013.01 - EP US); **A47L 2501/32** (2013.01 - EP US); **E05Y 2201/21** (2013.01 - EP US); **E05Y 2201/246** (2013.01 - EP US); **E05Y 2201/462** (2013.01 - EP US); **E05Y 2400/10** (2013.01 - EP US); **E05Y 2400/506** (2013.01 - EP US); **E05Y 2400/514** (2013.01 - EP US); **E05Y 2400/532** (2013.01 - EP US); **E05Y 2600/46** (2013.01 - EP US); **E05Y 2800/73** (2013.01 - EP US); **E05Y 2900/304** (2013.01 - EP US); **E05Y 2900/308** (2013.01 - EP US); **F25D 23/02** (2013.01 - EP US)

Cited by  
EP4026474A1; EP3430966A1; CN111433543A; EP2912984A1; CN109267894A; CN109288476A; EP3167789A1; US11821677B2; WO2019105832A1; WO2019015960A1; WO2019110305A1; DE102021100347A1; DE102017212171A1; EP3063354B1; EP3080517B1

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2636355 A1 20130911; EP 2636355 B1 20151007; US 2013232877 A1 20130912**

DOCDB simple family (application)  
**EP 12401038 A 20120307; US 201313786622 A 20130306**