

Title (en)
Vibration-isolated mounting or pump unit arrangement for household appliance

Title (de)
Schwingungs isolierte Montage oder Pumpeneinheit für Haushaltsgerät

Title (fr)
Agencement d'unité de montage ou pompe protégée contre les vibrations pour des applications domestiques

Publication
EP 1956263 B1 20100811 (EN)

Application
EP 07002592 A 20070207

Priority
EP 07002592 A 20070207

Abstract (en)
[origin: EP1956263A1] Vibration-isolated mounting arrangement for a household appliance, in particular for a dishwasher or washing machine, the arrangement comprising: a motor unit (1), a cantilever unit (2), a damping suspension device (6), and a securing device (3,4). The suspension device (6) is connecting the motor unit (1) to the cantilever unit (2) and is adapted to bear the motor unit (1). The suspension device (6) and the securing device (3,4) are arranged separate of each other, in particular are spaced apart of each other. The suspension device (6) provides a non-locking detachable connection between the motor unit (1) and the cantilever unit (2). The securing device (3,4) is providing a locking connection (10,12) between the motor unit (1) and the cantilever unit (2) or an supporting element of the household appliance, wherein the securing device (3,4) has or essentially has a non-bearing function with respect to the motor unit (1). The motor unit (1) is attachable to and detachable from the cantilever unit (2) via the suspension device (6) in a predefined line of movement and wherein the securing device (3,4) is adapted to block the movement of the motor unit (1) relative to the cantilever unit (2) along the predefined line of movement (D).

IPC 8 full level
F16F 15/02 (2006.01); **A47L 15/42** (2006.01); **D06F 37/20** (2006.01)

CPC (source: EP US)
A47L 15/4225 (2013.01 - EP); **A47L 15/4246** (2013.01 - EP US); **D06F 39/085** (2013.01 - EP US); **D06F 2103/48** (2020.02 - EP US)

Cited by
US9476157B2; CN102587091A; EP2156779A3; CN105147213A; EP3025627A1; US2012291498A1; US9080275B2; EP3714756A1; US2012167931A1; EP2474660A3; US10677232B2; US10499788B2; US10064537B2; US10799084B2; US10815605B2; US11162207B2; US11517176B2; US11589726B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1956263 A1 20080813; **EP 1956263 B1 20100811**; AT E477433 T1 20100815; DE 602007008353 D1 20100923; ES 2348740 T3 20101213; PL 1956263 T3 20110131; RU 2008104605 A 20090820; RU 2432423 C2 20111027

DOCDB simple family (application)
EP 07002592 A 20070207; AT 07002592 T 20070207; DE 602007008353 T 20070207; ES 07002592 T 20070207; PL 07002592 T 20070207; RU 2008104605 A 20080206