

Title (en)
Domestic appliance

Title (de)
Haushaltsgerät

Title (fr)
Appareil ménager

Publication
EP 2314962 A3 20170301 (DE)

Application
EP 10013640 A 20101014

Priority
• DE 102009049813 A 20091019
• DE 102009053714 A 20091118

Abstract (en)
[origin: EP2314962A2] The appliance has a door-closing system (100) comprising springs (170) for moving a door (10) into its closed position. A tractive slide (130) stands in connection with the system such that the springs are moved into a pre-stressed condition by the slide during opening of the door. A locking element (120) is connected with a damper (110) and the springs such that the springs are fixable in its pre-stressed condition by the locking element. The slide and locking element are coupled with each other and decoupled from each other by two moving sections of the door, respectively.

IPC 8 full level
F25D 23/02 (2006.01)

CPC (source: EP US)
E05F 1/1207 (2013.01 - EP US); **F25D 23/028** (2013.01 - EP US); **E05Y 2201/21** (2013.01 - EP US); **E05Y 2201/412** (2013.01 - EP US); **E05Y 2800/264** (2024.05 - EP US); **E05Y 2900/31** (2013.01 - EP US)

Citation (search report)
• [E] EP 2307829 A1 20110413 - ARCELIK AS [TR]
• [X] US 2008263819 A1 20081030 - TOMIOKA KAZUYUKI [JP], et al
• [X] JP 2006118858 A 20060511 - MATSUSHITA ELECTRIC IND CO LTD

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DE102012103629A1; EP2532973A1; WO2013160221A1; US9228386B2; EP3143227B1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2314962 A2 20110427; EP 2314962 A3 20170301; EP 2314962 B1 20180606; DE 102009053714 A1 20110428; ES 2686120 T3 20181016; US 2011113816 A1 20110519; US 8544971 B2 20131001

DOCDB simple family (application)
EP 10013640 A 20101014; DE 102009053714 A 20091118; ES 10013640 T 20101014; US 90640810 A 20101018