

Title (en)
REFRIGERATOR

Title (de)
KÜHLSCHRANK

Title (fr)
RÉFRIGÉRATEUR

Publication
EP 2891853 A4 20160608 (EN)

Application
EP 13832198 A 20130826

Priority
• JP 2012188371 A 20120829
• JP 2013005012 W 20130826

Abstract (en)
[origin: EP2891853A1] Provided is a refrigerator including a gasket (22) which brings a housing (11) into close contact with a door (15a). The refrigerator also has: a first closed door mode in which the gasket (22) is strongly pressed on the housing (11) by the actuator (23a) and is thus compressed to improve heat insulating properties of a storage compartment; and a second closed door mode in which the compressed state of the gasket (22) is loosened to reduce a door-opening force. In the first closed door mode in which the gasket (22) is compressed to improve the heat insulating properties of the storage compartment, an energy saving property can improved; and in the second closed door mode in which the compressed state of the gasket (22) is loosened to reduce the door-opening force, the door can be opened with a small force.

IPC 8 full level
E05B 65/00 (2006.01); **F25D 23/02** (2006.01)

CPC (source: CN EP)
F25D 23/02 (2013.01 - CN); **F25D 23/028** (2013.01 - EP); **F25D 2700/04** (2013.01 - EP)

Citation (search report)
• [XI] JP H05141848 A 19930608 - SANYO ELECTRIC CO
• [X] US 5906423 A 19990525 - LYU GANG [KR]
• [X] JP H09280724 A 19971031 - SANYO ELECTRIC CO
• [X] JP 2008175441 A 20080731 - TOSHIBA CORP, et al
• See references of WO 2014034077A1

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 2891853 A1 20150708; **EP 2891853 A4 20160608**; **EP 2891853 B1 20200722**; CN 104603558 A 20150506; CN 104603558 B 20160622; JP 2014047930 A 20140317; JP 6035512 B2 20161130; WO 2014034077 A1 20140306

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EP 13832198 A 20130826; CN 201380045565 A 20130826; JP 2012188371 A 20120829; JP 2013005012 W 20130826