

Title (en)
LAUNDRY TREATING MACHINE

Title (de)
WÄSCHEBEHANDLUNGSMASCHINE

Title (fr)
MACHINE DE TRAITEMENT DU LINGE

Publication
EP 3187650 A1 20170705 (EN)

Application
EP 15203074 A 20151230

Priority
EP 15203074 A 20151230

Abstract (en)
The invention relates to a laundry treating machine (100) comprising (105) provided with a laundry loading opening (115) for accessing a laundry treatment chamber (110) and a loading door (125) hinged to the cabinet for selectively closing or opening the laundry loading opening, the cabinet (105) further comprising a swivelling door (140) hinged to the cabinet and openable to allow access to an inner region of the machine within the cabinet, a closure mechanism being provided to keep the swivelling door closed when the swivelling door is abutted against the cabinet (105), characterized in that the closure mechanism comprises at least a magnet (170) located either at the swivelling door or at the cabinet, and wherein, when said swivelling door (140) is kept in abutment against said cabinet by the magnetic force of said at least a magnet (170), a spacing is present between said magnet (170) and a surface either of said cabinet (105) or of said swivelling door, so that said magnet does not contact said cabinet or the swivelling door, respectively, and said swivelling door remains closed on said cabinet due to magnetic attraction.

IPC 8 full level
D06F 39/08 (2006.01); **D06F 37/28** (2006.01); **D06F 39/14** (2006.01); **D06F 58/20** (2006.01); **D06F 58/22** (2006.01); **D06F 58/24** (2006.01); **D06F 34/20** (2020.01)

CPC (source: CN EP US)
D06F 39/14 (2013.01 - CN EP US); **D06F 58/20** (2013.01 - CN EP US); **D06F 34/20** (2020.02 - CN EP US); **D06F 37/28** (2013.01 - CN EP US); **D06F 58/206** (2013.01 - CN EP US); **D06F 58/22** (2013.01 - CN EP US); **D06F 58/24** (2013.01 - CN EP US); **D06F 2103/40** (2020.02 - CN EP US); **D06F 2105/58** (2020.02 - CN EP US); **D06F 2105/60** (2020.02 - CN EP US)

Citation (applicant)
EP 2647745 A1 20131009 - TORAY INDUSTRIES [JP]

Citation (search report)
• [Y] DE 19960414 C1 20010315 - WHIRLPOOL CO [US]
• [YD] EP 2647754 A1 20131009 - ELECTROLUX HOME PROD CORP [BE]
• [A] DE 102013208851 A1 20141120 - BSH BOSCH & SIEMENS HAUSGERAETE GMBH [DE]
• [Y] US 2812964 A 19571112 - KNIGHT JAMES L
• [Y] US 2690349 A 19540928 - TEETOR MACY O
• [Y] EP 2392723 A2 20111207 - V ZUG AG [CH]

Cited by
CN109385850A; US12000074B2

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 3187650 A1 20170705; **EP 3187650 B1 20201216**; CN 106939502 A 20170711; CN 106939502 B 20210126

DOCDB simple family (application)
EP 15203074 A 20151230; CN 201611261336 A 20161230