

Title (en)
Laundry processing apparatus

Title (de)
Wäscheverarbeitungsrichtung

Title (fr)
Appareil de traitement du linge

Publication
EP 2402499 B1 20140402 (EN)

Application
EP 11170842 A 20110622

Priority
JP 2010152315 A 20100702

Abstract (en)
[origin: EP2402499A1] The present invention provides a laundry processing apparatus (100), including: a housing (200) in which an opening (215) for taking laundry in and out is formed; a door (300, 300A) configured to rotate between a closing position where the door (300, 300A) closes the opening (215) and an opening position where the door (300, 300A) opens the opening (215); and a handle (700) used for rotating the door (300, 300A) between the closing position and the opening position, wherein the handle (700) includes a first piece (710) pivotally supported by the door (300, 300A) and a second piece (720) protruding from the first piece (710) and exposed outside the housing (200) when the door (300, 300A) is at the closing position, the door (300, 300A) includes a restricting surface (329) facing the housing (200) when the door (300, 300A) is at the closing position and restricting an angular motion of the first piece (710), and the first piece (710) is positioned between the housing (200) and the restricting surface (329) when the door (300, 300A) is at the closing position, and the first piece (710) abuts the restricting surface (329) when the door (300, 300A) is rotated from the closing position to the opening position to restrict an angular motion of the handle (700).

IPC 8 full level
D06F 39/14 (2006.01); **D06F 34/20** (2020.01)

CPC (source: EP US)
D06F 34/20 (2020.02 - EP US); **D06F 39/14** (2013.01 - EP US); **D06F 37/42** (2013.01 - EP US); **D06F 2103/40** (2020.02 - EP US); **D06F 2105/44** (2020.02 - EP US)

Cited by
EP2682512A3; EP2740834A1; US11242644B2; CN105361470A; DE102014205224B4; EP2824233A1; US2015368947A1; US9752272B2; EP2848727A1; CN105380424A; US10060069B2; US9487901B2; WO2014086986A1; WO2016050310A1; US9617677B2; US10640907B2; US10745843B2; EP2843110B1

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 2402499 A1 20120104; EP 2402499 B1 20140402; CN 102312363 A 20120111; CN 102312363 B 20130508; CN 202148428 U 20120222; JP 2012011092 A 20120119; JP 5583499 B2 20140903; RU 2467107 C1 20121120; TW 201207190 A 20120216; TW I445866 B 20140721

DOCDB simple family (application)
EP 11170842 A 20110622; CN 201110184690 A 20110630; CN 201120231463 U 20110630; JP 2010152315 A 20100702; RU 2011127170 A 20110701; TW 100122451 A 20110627