Title (en)
   Laundry processing apparatus

Title (de)
   Wäscheverarbeitungsvorrichtung

Title (fr)
   Appareil de traitement du linge

Publication
   **EP 2402497 A1 20120104 (EN)**

Application
   **EP 11171894 A 20110629**

Priority
   JP 2010152311 A 20100702

Abstract (en)
   The present invention provides a laundry processing apparatus (100) including: a housing (200) on 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); a lock mechanism (600) configured to lock the door (300, 300A) at the
   closing position; and a handle (700) used for rotating the door (300, 300A) between the closing position and the opening position, wherein the door
   (300, 300A) pivotally supports the lock mechanism (600) and the handle (700), and the lock mechanism (600) unlocks the door (300, 300A) at the
   closing position in conjunction with the handle (700) turned to rotate the door (300, 300A) from the closing position to the opening position.

IPC 8 full level
   **D06F 37/42** (2006.01); **D06F 34/20** (2020.01); **D06F 39/14** (2006.01)

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

Citation (applicant)
   • JP 2000279679 A 20001010 - TOSHIBA CORP
   • JP 2009095529 A 20090507 - PANASONIC CORP

Citation (search report)
   • [X] EP 1116812 A1 20010718 - TOSHIBA KK [JP]
   • [X] WO 03004754 A1 20030116 - ARCELIK AS [TR], et al

Cited by
   CN107083637A; CN108866917A; EP2677076A1; CN112996960A; US9271627B2; WO2018041611A1; WO2013189859A1; WO2015165521A1;
   US9416482B2; US10271708B2; US9850618B2; US9970148B2; US10704183B2; US11111621B2; US11668041B2

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 2402497 A1 20120104**; **EP 2402497 B1 20160810**; AU 2011203036 A1 20120119; AU 2011203036 B2 20121220;
   CN 102312364 A 20120111; CN 102312364 B 20130925; CN 202139451 U 20120208; JP 2012011088 A 20120119; JP 5592179 B2 20140917;
   MY 158429 A 20161014; RU 2466225 C1 20121110; TW 201204893 A 20120201; TW I437148 B 20140511

DOCDB simple family (application)
   **EP 11171894 A 20110629**; AU 2011203036 A 20110622; CN 201110184769 A 20110630; CN 201120231465 U 20110630;
   JP 2010152311 A 20100702; MY PI2011003021 A 20110628; RU 2011127172 A 20110701; TW 100122433 A 20110627