

Title (en)
Holder and washing machine having the same

Title (de)
Halter und Waschmaschine mit einem solchen

Title (fr)
Support et machine à laver dotée de celui-ci

Publication
EP 2383382 B1 20170823 (EN)

Application
EP 11163984 A 20110428

Priority
KR 20100039674 A 20100428

Abstract (en)
[origin: EP2383382A2] A washing machine (10) having a holder (100,200,300,400), which is configured to fix a hose in a simplified manner, thus achieving enhanced assembly efficiency and productivity. The washing machine includes a cabinet (30) defining an outer appearance of the washing machine, a tub (40) placed in the cabinet, a circulation pump (70) placed beneath the tub, a circulation hose (60) connected to the circulation pump (70) and serving to supply wash water pumped by the circulation pump (70) into the tub (40), and a holder (100,200,300,400) provided at a position of the tub (40) to fix the circulation hose (60). The holder (100,200,300,400) includes at least one fixing protrusion protruding from a front surface of the tub (40).

IPC 8 full level
D06F 37/26 (2006.01); **D06F 39/08** (2006.01)

CPC (source: CN EP KR US)
D06F 21/00 (2013.01 - CN KR); **D06F 37/04** (2013.01 - KR); **D06F 37/265** (2013.01 - EP KR US); **D06F 39/083** (2013.01 - CN EP KR US); **D06F 39/088** (2013.01 - CN EP KR US); **D06F 39/12** (2013.01 - KR); **D06F 39/12** (2013.01 - CN EP US)

Cited by
CN112334613A; US11479902B2; EP3613893A1

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 2383382 A2 201111102; EP 2383382 A3 20120808; EP 2383382 B1 20170823; CN 102234897 A 20111109; CN 102234897 B 20150715; CN 104372562 A 20150225; CN 104372562 B 20170329; EP 2985383 A1 20160217; EP 2985383 B1 20180606; KR 101756676 B1 20170711; KR 20110120134 A 201111103; US 2011265525 A1 201111103; US 2015082838 A1 20150326

DOCDB simple family (application)
EP 11163984 A 20110428; CN 201110113051 A 20110428; CN 201410721308 A 20110428; EP 15185732 A 20110428; KR 20100039674 A 20100428; US 201113064879 A 20110422; US 201414560306 A 20141204