Title (en)

Washing machine

Title (de)

Waschmaschine

Title (fr)

Machine à laver

Publication

EP 2628839 A1 20130821 (EN)

Application

EP 12194575 A 20121128

Priority

- KR 20120016670 A 20120218
- KR 20120062885 A 20120612

Abstract (en)

A washing machine including a drum provided with a plurality of recess portions each provided as a polygonal pyramid recessed from one of an inner surface and an outer surface of the drum toward the remaining of the inner surface and the outer surface of the drum, and a plurality of through-holes configured to receive and discharge wash water, the recess portion including a polygonal shape, and a plurality of edges extending from corners of the polygonal side to meet at an apex of the recess portion, and the through-hole is formed through at least one of sides that form the polygonal shape, thereby improving the washing performance due to the recess portion increasing friction with the laundry.

IPC 8 full level

D06F 37/06 (2006.01)

CPC (source: EP US)

D06F 37/02 (2013.01 - US); **D06F 37/065** (2013.01 - EP US)

Citation (search report)

- [XY] EP 1964960 A2 20080903 - SAMSUNG ELECTRONICS CO LTD [KR]
- [Y] JP 2001218999 A 20010814 - MITSUBISHI ELECTRIC CORP, et al
- [A] EP 1925704 A1 20080528 - WHIRLPOOL CO [US]
- [A] EP 2390399 A1 20111130 - MIELE & CIE [DE]
- [A] US 2010058589 A1 20100311 - MIRTSCH SCHOKUFEH [DE], et al

Cited by

CN104088116A; CN104420124A; EP3040466A4; EP3305963A4; US11028516B2; WO2015192590A1

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 2628839 A1 20130821; US 2013213097 A1 20130822

DOCDB simple family (application)

EP 12194575 A 20121128; US 201213688607 A 20121129