

Title (en)

Chamber pump for a domestic appliance, domestic appliance and method for operating a chamber pump

Title (de)

Kammerpumpe für ein Hausgerät, Hausgerät und Verfahren zum Betreiben einer Kammerpumpe

Title (fr)

Pompe à chambre pour un appareil ménager, appareil ménager et procédé de fonctionnement d'une pompe à chambre

Publication

EP 2372013 A3 20140101 (DE)

Application

EP 11157582 A 20110310

Priority

DE 102010003447 A 20100330

Abstract (en)

[origin: EP2372013A2] The pump has a switching valve (4) enabling connection between a suction inlet (12) of an air pump and a chamber (3) in one position. The valve enables connection between a pressure outlet (13) of the air pump and the chamber in another position. Valve chambers (16-18) comprise freely movable valve bodies (19-21), which takes an end position associated with the former position of the valve, and another end position associated with the latter position of the switching valve. Motion of the bodies is mechanically released between the end positions by a level of fluid in the chamber. Independent claims are also included for the following: (1) a domestic appliance i.e. washing/drying appliance, comprising a chamber pump (2) a method for operating a chamber pump.

IPC 8 full level

D06F 58/20 (2006.01); **D06F 58/24** (2006.01)

CPC (source: EP US)

D06F 58/20 (2013.01 - EP US); **D06F 58/24** (2013.01 - EP US)

Citation (search report)

- [XYI] US 7070394 B1 20060704 - SOARES JAIRO LUIZ [US], et al
- [YD] DE 102008032800 A1 20100114 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] EP 1703141 A1 20060920 - BRAUN FRANCOIS [BE]

Cited by

CN103154587A

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)

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