

Title (en)  
Washing machine pump

Title (de)  
Waschmaschinenpumpe

Title (fr)  
Pompe de machine à laver

Publication  
**EP 2816149 B1 20161109 (EN)**

Application  
**EP 13173048 A 20130620**

Priority  
EP 13173048 A 20130620

Abstract (en)  
[origin: EP2816149A1] A laundry washing machine (100) is provided. The laundry washing machine (100) comprises a washing tub (107) in which washing/rinsing liquid may be loaded, a drain duct (175) for discharging outside the machine (100) washing/rinsing liquid drawn from the washing tub (107), a recirculation conduit (180) for circulating washing/rinsing liquid drawn from the washing tub (170) back into the washing tub (170), and a pump (170) operable to selectively cause washing/rinsing liquid drawn from the washing tub (107) to be discharged via said drain duct (175) or to be circulated via said recirculation conduit (180). The pump (170) comprises a pump body (200) comprising a pump chamber (230) for receiving washing/rinsing liquid drawn from said washing tub (107), and a diverter element (240) movably arranged in said pump chamber (230) and movable between a first position in which said diverter element (240) causes washing/rinsing liquid in the pump chamber (230) to be diverted to said drain duct (175), and a second position, in which said diverter element (240) causes washing/rinsing liquid in the pump chamber (230) to be diverted to said recirculation conduit (180). The laundry washing machine (100) further comprises an actuator system (270) operable to move said diverter element (240) between said first and second position, wherein said actuator system (270) is coupled to said diverter element (240) by a magnetic coupling.

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

CPC (source: EP US)  
**D06F 39/085** (2013.01 - EP US); **D06F 39/083** (2013.01 - EP US)

Cited by  
EP3012458A1; US10934659B2; EP3550066A1; CN110359240A

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