

Title (en)  
Washing machine

Title (de)  
Waschmaschine

Title (fr)  
Machine à laver

Publication  
**EP 2712952 A1 20140402 (EN)**

Application  
**EP 13188968 A 20110127**

Priority  
• KR 20100019003 A 20100303  
• EP 11152292 A 20110127

Abstract (en)  
Disclosed herein is washing machine comprising a body, a tub placed in the body in which wash water is stored, a first drain pipe connected to the tub to allow the wash water to be discharged from the tub, a second drain pipe to guide the wash water discharged from the tub to the outside of the body, a pump case having a wash water inlet port connected to the first drain pipe and wash water outlet port connected to the second drain pipe, a wash water inlet chamber defined in the pump case into which the wash water is introduced through the wash water inlet port, a drain pump chamber defined in the pump case in which an impeller is placed to discharge the wash water through the wash water discharge port, a partition arranged between a wash water inlet chamber and the drain pump chamber, a wash water suction port formed at the partition to allow the wash water of the wash water inlet chamber to be introduced into the drain pump chamber by suction force of the impeller, the wash water suction port protruding into the wash water inlet chamber, and an air discharge path formed at the partition to allow the air of the wash water inlet chamber to be introduced into the drain pump chamber and subsequently be discharged through the wash water outlet port, the air discharged path being located around the wash water suction port.

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

CPC (source: EP KR US)  
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Citation (search report)  
• [A] US 3314255 A 19670418 - NEUMANN GERHARD W, et al  
• [A] DE 9406463 U1 19940616 - BOSCH SIEMENS HAUSGERAETE [DE]  
• [X] US 2007256458 A1 20071108 - JANG JAE HYUN [KR], et al  
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DOCDB simple family (publication)  
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