

Title (en)

Detergent supply apparatus for a washing machine

Title (de)

Waschmitteleinspülvorrichtung für eine Waschmaschine

Title (fr)

Distributeur de détergent pour une machine à laver

Publication

EP 1795643 A1 20070613 (EN)

Application

EP 06120990 A 20060920

Priority

KR 20050121155 A 20051209

Abstract (en)

A detergent supply apparatus (20) for a washing machine, which prevents water, which is not discharged from a detergent tub (30) through a siphon unit (50), from overflowing the detergent tub (30) and being discharged to the outside of the washing machine. The siphon unit (50) includes a siphon pipe (51) formed on a bottom (34) of a chamber (38) of the detergent supply apparatus (20), and a cover member (60) installed above the siphon pipe (51). The cover member (60) includes a siphon cap (70) surrounding an outer circumferential surface of the siphon pipe (51) so that a siphon channel (52) is provided between the siphon pipe (51) and the siphon cap (70), and a bypass channel (64) for circulating water overflowing the siphon channel (52) to the siphon channel (52).

IPC 8 full level

D06F 39/02 (2006.01)

CPC (source: EP KR US)

D06F 39/02 (2013.01 - KR); **D06F 39/022** (2013.01 - EP US); **D06F 39/028** (2013.01 - KR); **D06F 39/081** (2013.01 - KR); **D06F 39/14** (2013.01 - KR)

Citation (search report)

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- [A] US 2003145633 A1 20030807 - MERKLE SCOTT A [US], et al
- [A] GB 2187764 A 19870916 - BOSCH SIEMENS HAUSGERAETE

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EP2468940A1; CN105442267A; US7895864B2; WO2009055257A1

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Designated extension state (EPC)

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