Title (en)

WASHING MACHINE

Title (de)

WASCHMASCHINE

Title (fr)

MACHINE À LAVER

Publication

EP 2025793 A4 20100818 (EN)

Application

EP 07706907 A 20070117

Priority

- JP 2007050600 W 20070117
- JP 2006139284 A 20060518

Abstract (en)

[origin: EP2025793A1] A washing machine according to the present invention is configured such as to prevent intrusion of water into an ozone generator (42). That is, the washing machine is configured such that an introduction tube (43) extends downward from the ozone generator (42) to be connected to an air duct member (31). With this arrangement, even if water is condensed in the introduction tube (43) due to a temperature difference between the inside and the outside of the introduction tube (43), water droplets resulting from the water condensation do not intrude into the ozone generator (42), but fall down toward the air duct member (31) by their gravity. Further, even if water bubbles and detergent bubbles generated in an outer tub (7) during a washing process enter the introduction tube (43) and are broken to form water droplets, these water droplets, like the water drops resulting from the water condensation, do not intrude into the ozone generator (42), but fall down toward the air duct member (31) by their gravity. (Fig. 6)

IPC 8 full level

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CPC (source: EP KR US)

D06F 35/001 (2013.01 - KR); **D06F 39/08** (2013.01 - KR); **D06F 39/14** (2013.01 - KR); **D06F 39/40** (2024.01 - EP KR US); D06F 35/001 (2013.01 - EP US); D06F 39/08 (2013.01 - EP US)

Citation (search report)

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DOCDB simple family (publication)

EP 2025793 A1 20090218; **EP 2025793 A4 20100818**; CN 101448995 A 20090603; CN 101448995 B 20110119; JP 2007307145 A 20071129; JP 4592640 B2 20101201; KR 20090026261 A 20090312; US 2009126420 A1 20090521; WO 2007135784 A1 20071129

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EP 07706907 A 20070117; CN 200780018173 A 20070117; JP 2006139284 A 20060518; JP 2007050600 W 20070117; KR 20087027367 A 20081107; US 22740307 A 20070117