

Title (en)
SANITARY CLEANING DEVICE

Title (de)
SANITÄRREINIGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE NETTOYAGE SANITAIRE

Publication
EP 3739133 A3 20210310 (EN)

Application
EP 20184411 A 20140922

Priority
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Abstract (en)
A sanitary washing device comprising: a nozzle device (800) for jetting washing water; a washing water supply passage (900) for supplying the washing water to the nozzle device (800); and a control part (130), wherein the washing water supply passage (900) includes a water pump (516) for supplying washing water to the nozzle device (800), a heat exchanger (700) arranged upstream of the water pump (516) and heating the washing water, an atmosphere open port (603) arranged upstream of the heat exchanger (700) and opening a portion of the washing water supply passage (900) to the atmosphere, a sub tank (600) for maintaining the washing water supply passage (900) to the water pump (516) at an atmospheric pressure, and a water supply connecting port (510) arranged most upstream of the washing water supply passage (900) and being connected to a water pipe, wherein the sub tank (600) includes a water level detection sensor (620) for detecting a water level of the washing water stored in the sub tank (600), the water level detection sensor (620) includes a common electrode (621) and a plurality of water level electrodes (622) on an inner surface of the sub tank (600), the control part (130) is configured to apply a direct current (DC) between the common electrode (621) and the plurality of water level electrodes (622) thus detecting a water level based on a change in voltage, and the common electrode (621) and the plurality of water level electrodes (622) are arranged on different surfaces.

IPC 8 full level
E03D 9/08 (2006.01)

CPC (source: EP)
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Citation (search report)
• [E] EP 3045597 A1 20160720 - PANASONIC IP MAN CO LTD [JP]
• [A] EP 2163695 A1 20100317 - TOTO LTD [JP]
• [A] EP 2312068 A1 20110420 - PANASONIC CORP [JP]
• [A] US 2010125941 A1 20100527 - SHIN KAZUMA [JP], et al

Designated contracting state (EPC)
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