

Title (en)
SANITARY CLEANING DEVICE

Title (de)
SANITÄRREINIGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE NETTOYAGE SANITAIRE

Publication
EP 3751065 A3 20210414 (EN)

Application
EP 20184404 A 20140922

Priority
• JP 2013210789 A 20131008
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• JP 2014004835 W 20140922

Abstract (en)
A sanitary washing device includes a nozzle device 830, a water pump 516, a heat exchanger 700, a flow regulating valve, and a control part 130. The nozzle device includes a buttock washing water flow passage 835, a bidet washing water flow passage 837, and a nozzle cleaning flow passage 839. When a washing operation which is one of buttock washing and bidet washing is performed, the control part starts driving of the water pump and driving of the heat exchanger sequentially, and switches the selection of the flow regulating valve to the nozzle cleaning flow passage after hot water heated by the heat exchanger is supplied to the selected flow passage for a predetermined time. Further, the supply of hot water to the nozzle cleaning flow passage is continued also in the course of advancing the nozzle portion to a washing position from an accommodated position. With such an operation, lowering of a temperature of washing water during the movement of the nozzle portion is suppressed, and sufficiently heated hot water is jetted from the beginning of jetting thus realizing comfortable washing.

IPC 8 full level
E03D 9/08 (2006.01)

CPC (source: EP)
E03D 9/08 (2013.01)

Citation (search report)
• [A] WO 2012001980 A1 20120105 - PANASONIC CORP [JP], et al
• [A] KR 20080043246 A 20080516 - TOSHIBA KK [JP], et al
• [A] KR 20030063264 A 20030728 - PARK GEUN SIL [KR]
• [A] EP 0195842 A2 19861001 - TOTO LTD [JP]

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 3056616 A1 20160817; EP 3056616 A4 20161109; EP 3056616 B1 20201125; CN 105637155 A 20160601; CN 105637155 B 20170811; EP 3739133 A2 20201118; EP 3739133 A3 20210310; EP 3739134 A2 20201118; EP 3739134 A3 20210310; EP 3751065 A2 20201216; EP 3751065 A3 20210414; ES 2856499 T3 20210927; JP 6421340 B2 20181114; JP WO2015052878 A1 20170309; WO 2015052878 A1 20150416

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