

Title (en)
SANITARY WASHING APPARATUS

Title (de)
SANITÄRWASCHVORRICHTUNG

Title (fr)
APPAREIL DE LAVAGE HYGIÉNIQUE

Publication
EP 3101186 A1 20161207 (EN)

Application
EP 16172922 A 20160603

Priority
JP 2015115181 A 20150605

Abstract (en)
A sanitary washing apparatus (20) includes a nozzle (41), a water passage (50), a tank (80), a backflow prevention mechanism (90), a pump (30), a case (31), and a strainer (110). The water passage communicates with the nozzle and a water supply pipe (A). The tank is disposed on the water passage and provided with a heating element (71) inside thereof. The backflow prevention mechanism is disposed on the water passage and upstream of the tank. The backflow prevention mechanism includes an air gap (94a) communicating with an atmosphere, thereby preventing backflow of water. The pump is disposed downstream of the tank. The case houses the tank, the nozzle, the pump, and the backflow prevention mechanism. The strainer is detachably mounted on the tank such that attachment and/or detachment work of the strainer is conducted through an opening (34) of the case.

IPC 8 full level
E03D 9/08 (2006.01); **E03C 1/10** (2006.01)

CPC (source: EP)
E03C 1/102 (2013.01); **E03D 9/08** (2013.01)

Citation (applicant)
JP 2010090621 A 20100422 - TOTO LTD

Citation (search report)
• [A] WO 2015037199 A1 20150319 - PANASONIC IP MAN CO LTD [JP]
• [A] DE 2826059 A1 19781221 - AISIN SEIKI
• [A] DE 202012002585 U1 20130617 - NEOPERL GMBH [DE]

Cited by
WO2019212445A3

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3101186 A1 20161207; EP 3101186 B1 20180117; JP 2017002501 A 20170105; JP 6596943 B2 20191030

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EP 16172922 A 20160603; JP 2015115181 A 20150605