

Title (en)  
SANITARY WASHING DEVICE

Title (de)  
SANITÄRWASCHVORRICHTUNG

Title (fr)  
DISPOSITIF SANITAIRE LAVANT

Publication  
**EP 3045597 B1 20170628 (EN)**

Application  
**EP 14843321 A 20140827**

Priority  
• JP 2013186908 A 20130910  
• JP 2013186910 A 20130910  
• JP 2014004391 W 20140827

Abstract (en)  
[origin: EP3045597A1] A sanitary washing device includes a nozzle device, a water pump, a heat exchanger, and sub tank (600). Sub tank (600) includes: atmosphere open port (603), water inflow tank (615) and storage tank (616) formed separately from each other by partition wall (614). Washing water flows into the sanitary washing device through water inflow port (601) of water inflow tank (615), overflows the partition wall (614), flows into the storage tank (616), and is supplied to heat exchanger from water outflow port (602) of storage tank (616). Accordingly, a portion of air contained in washing water is separated and is discharged to the outside of the sub tank (600) through the atmosphere open port (603), and washing water containing a reduced amount of air is supplied to the heat exchanger. As a result, bubbles generated in the heat exchanger can be reduced so that thermal efficiency and durability of the heat exchanger can be enhanced.

IPC 8 full level  
**E03D 9/08** (2006.01); **F24H 1/10** (2006.01); **H05B 3/02** (2006.01); **H05B 3/14** (2006.01); **H05B 3/26** (2006.01)

CPC (source: EP)  
**E03D 9/08** (2013.01); **H05B 3/141** (2013.01); **H05B 3/267** (2013.01)

Cited by  
EP3739133A3; CN107373756A; EP3760797A1; EP3760798A1; US11668084B2; US11214951B2; US11220812B2; US11591784B2; EP3760801A1; CN112177118A; EP3760799A1; US11214950B2

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

DOCDB simple family (publication)  
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