

Title (en)  
WAREWASHER WITH HEAT RECOVERY SYSTEM

Title (de)  
GESCHIRRSPÜLMASCHINE MIT WÄRMERÜCKGEWINNUNGSSYSTEM

Title (fr)  
LAVE-VAISSELLE DOTÉ D'UN SYSTÈME DE RÉCUPÉRATION DE CHALEUR

Publication  
**EP 3328259 B1 20200205 (EN)**

Application  
**EP 16745327 A 20160720**

Priority  
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Abstract (en)  
[origin: US2017027409A1] A warewash machine for washing wares includes a chamber for receiving wares, the chamber having at least one wash zone. A waste heat recovery unit is arranged to transfer heat from exhaust air of the machine to incoming water traveling along a water flow path through the waste heat recovery unit to a booster heater of the machine. A refrigerant medium circuit includes at least a first condenser arranged to deliver refrigerant medium heat to the incoming water. A control arrangement monitors subcooled refrigerant medium condition and responsively modifies operation of one or more of: (i) speed of a compressor of the refrigerant medium circuit, (ii) speed of an exhaust fan that causes air flow across the waste heat recovery unit or (iii) speed of a pump that controls incoming water flow along the water flow path.

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