

Title (en)
WASHER-DRYER WITH A COOLING WATER CIRCUIT

Title (de)
WASCHTROCKNER MIT EINEM KÜHLWASSERKREISLAUF

Title (fr)
LAVEUSE-SÉCHEUSE AVEC UN CIRCUIT D'EAU DE REFROIDISSEMENT

Publication
EP 3192913 A1 20170719 (EN)

Application
EP 16194147 A 20161017

Priority
EP 16151174 A 20160114

Abstract (en)
The invention relates to a washer-dryer 1 comprising a tub 8 and a drum 7 rotatably mounted inside the tub 8, a process air circuit 4, adapted to circulate process air through the drum 7 for drying laundry, comprising a fan 6 and a heater 5, a cooling water circuit 11,28 in contact with the process air circuit 4, a pump 10, a condenser 17, and a control unit 23, wherein the cooling water circuit 11,28 is in heat exchanging contact with at least one cooling means 16,18 which is adapted to cool the cooling water, wherein the washer-dryer 1 comprises two cooling means 16,18 which are selected from a group consisting of a heat exchanger 18, a cooling air fan and a tap water supply 16, and a first temperature sensor 22 in the cooling water circuit 11,28 for measuring the temperature T W of the cooling water, and that a maximum threshold value T W,max for the cooling water in the cooling water circuit 11,28 is stored in the control unit 23 and wherein the control unit 23 is adapted to operate the pump 6,18 and/or the two cooling means 16,18 until the temperature T W of the cooling water falls below T W,max . The invention is also directed to a process for operating the washer-dryer 1.

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Citation (applicant)
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