

Title (en)
CONDENSER DRYER AND METHOD FOR THE OPERATION THEREOF

Title (de)
KONDENSATIONSTROCKNER SOWIE VERFAHREN ZU SEINEM BETRIEB

Title (fr)
SÈCHE-LINGE À CONDENSATION ET PROCÉDÉ POUR LE FONCTIONNEMENT DUDIT SÈCHE-LINGE À CONDENSATION

Publication
EP 3245326 B1 20181017 (DE)

Application
EP 15813047 A 20151216

Priority
• DE 102015200331 A 20150113
• EP 2015080075 W 20151216

Abstract (en)
[origin: WO2016113066A1] The present invention relates to a condenser dryer (1) comprising a drying chamber (2) for objects to be dried, a process air channel (3), in which there are a heat source (4) for heating the process air, a heat exchanger (5) for cooling the process air after passing through the drying chamber (2) and a fan (6) for conveying process air, a pressure rinse container (7), a condensation water container (8), a rinsing device (9) for the heat exchanger (5) and a control device (10), wherein the pressure rinse container (7) is connected to the condensation water container (8) via a first line (11) and to the rinsing device (9) for the heat exchanger (5) via a second line (12), wherein a fluid pump (13) and a check valve (14) are arranged in the first line (11) in the direction from the condensation water container (8) to the pressure rinse container (7), and wherein a valve (15) is arranged in the second line (12), wherein the pressure rinse container (7) is filled partially with condensed water (16) and partially with a compressible medium (17), wherein the compressible medium (17) is present in a space above the condensed water (16) and pressure is applied thereto, and wherein the pressure for compressing the compressible medium (17) is built up by means of the fluid pump (13). The present invention also relates to a method for operating such a condenser dryer.

IPC 8 full level
D06F 58/22 (2006.01); **D06F 58/24** (2006.01)

CPC (source: CN EP US)
D06F 58/22 (2013.01 - CN EP US); **D06F 58/24** (2013.01 - CN EP US)

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)
DE 102015200331 A1 20160714; CN 107109768 A 20170829; CN 107109768 B 20191105; EP 3245326 A1 20171122;
EP 3245326 B1 20181017; WO 2016113066 A1 20160721

DOCDB simple family (application)
DE 102015200331 A 20150113; CN 201580071662 A 20151216; EP 15813047 A 20151216; EP 2015080075 W 20151216