

Title (en)
DRYER WITH FLUSHING DEVICE AND LINT RECEPTACLE, AND METHOD FOR OPERATING SAME

Title (de)
TROCKNER MIT SPÜLVORRICHTUNG UND FLUSENDEPOT SOWIE VERFAHREN ZU DESSEN BETRIEB

Title (fr)
SÈCHE-LINGE ÉQUIPÉ D'UN DISPOSITIF DE RINÇAGE ET D'UN DISPOSITIF DE DÉPÔT DE PELUCHES AINSI QUE PROCÉDÉ POUR LE FAIRE FONCTIONNER

Publication
EP 3117036 A1 20170118 (DE)

Application
EP 15707937 A 20150303

Priority
• DE 102014204298 A 20140310
• EP 2015054449 W 20150303

Abstract (en)
[origin: WO2015135801A1] The invention relates to a dryer 1 with a drying chamber 2 for laundry articles 3 to be dried; a process air channel 4, in which a fan 5 for conducting process air, a heat sink 21, a heat source 23, and a lint screen 12 are located; a control unit 18; a liquid sensor 9, 10, 30; a flushing device 11, 15; and a collecting device 6 for condensate and/or lint. The collecting device 6 is designed as a lint receptacle with a filter 7 which is permeable for an aqueous liquid but which retains lint. The dryer also comprises a tub 8 for receiving the liquid allowed through the filter 7, and the tub 8 is paired with at least one fill state sensor 9, 10 with which an aqueous liquid which has flowed from the lint receptacle 6 into the tub 8 through the filter 7 can be detected. A time measuring device 19 is provided which is designed to measure a delay between a flushing process of a dryer component 12, 21 and a sensor signal of the at least one fill state sensor 9, 10 and/or a sensor signal of a lint receptacle sensor 30. The invention further relates to a method for operating said dryer.

IPC 8 full level
D06F 58/22 (2006.01); **D06F 34/14** (2020.01); **D06F 58/50** (2020.01)

CPC (source: EP US)
D06F 58/22 (2013.01 - EP US); **D06F 34/14** (2020.02 - EP US); **D06F 58/50** (2020.02 - EP US); **D06F 2103/38** (2020.02 - EP US); **D06F 2103/42** (2020.02 - EP US); **D06F 2103/58** (2020.02 - EP US); **D06F 2105/58** (2020.02 - EP US)

Citation (search report)
See references of WO 2015135801A1

Cited by
WO2020251512A3

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)
DE 102014204298 A1 20150910; CN 106103833 A 20161109; CN 106103833 B 20180406; EP 3117036 A1 20170118; EP 3117036 B1 20171213; PL 3117036 T3 20180530; WO 2015135801 A1 20150917

DOCDB simple family (application)
DE 102014204298 A 20140310; CN 201580013151 A 20150303; EP 15707937 A 20150303; EP 2015054449 W 20150303; PL 15707937 T 20150303