

Title (en)

DRYER AND METHOD FOR PRODUCTION OF A DRYER

Title (de)

TROCKNER UND VERFAHREN ZUR HERSTELLUNG EINES TROCKNERS

Title (fr)

SÉCHOIR ET PROCÉDÉ DE PRODUCTION D'UN SÉCHOIR

Publication

**EP 3450615 A1 20190306 (EN)**

Application

**EP 17189498 A 20170905**

Priority

EP 17189498 A 20170905

Abstract (en)

The present invention relates to a dryer (10) comprising: #¢ a casing (12) including a basement (13); #¢ a laundry chamber (14) suitable to receive laundry to be dried; #¢ a process air circuit for circulating process air into said laundry chamber (14); #¢ a condensing device (22) for removing moisture from the process air coming from said laundry chamber (14) located within the process air circuit; #¢ a water collecting housing (30) for the collection of moisture condensed by said condensing device (22); #¢ a condensate tank (36) to collect water transferred from the water collecting housing (30); #¢ a pump unit (44) associated to said water collecting housing (30) for the removal of water contained therein and to pump it to the condensate tank (36); #¢ a first conduit (50) fluidly connecting a pump unit outlet (45) to a condensate tank inlet (37); #¢ a second conduit (60) fluidly connecting the condensate tank (36) to an inlet opening (23) arranged in the basement (13); and #¢ wherein the dryer (10) also includes a siphon-like element (52, 62) located in the first and/or in the second conduit (50, 60) to limit air transfer through the first and/or second conduit (50, 60). The present invention also relates to a method for production of a dryer (10).

IPC 8 full level

**D06F 58/24** (2006.01); **D06F 58/20** (2006.01); **D06F 58/22** (2006.01)

CPC (source: EP US)

**D06F 58/24** (2013.01 - EP US); **D06F 58/206** (2013.01 - EP US)

Citation (search report)

- [XII] WO 2015101388 A1 20150709 - ELECTROLUX APPLIANCES AB [SE]
- [XII] WO 2014169955 A1 20141023 - ELECTROLUX APPLIANCES AB [SE]

Cited by

CN113215796A; WO2023128972A1

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)

**EP 3450615 A1 20190306; EP 3450615 B1 20200527**

DOCDB simple family (application)

**EP 17189498 A 20170905**