

Title (en)
Heat pump laundry dryer

Title (de)
Wärmepumpenwäschetrockner

Title (fr)
Sèche-linge à pompe thermique

Publication
EP 2719819 B1 20170201 (EN)

Application
EP 12007133 A 20121015

Priority
EP 12007133 A 20121015

Abstract (en)
[origin: EP2719819A1] The invention relates to a heat pump tumble dryer or washing machine having a dryer function (washer dryer), comprising a laundry treatment chamber for treating laundry using process air, a process air circuit for circulating the process air, a heat pump system comprising a first heat exchanger (2) arranged in the process air circuit for cooling the process air and a second heat exchanger (4) arranged in the process air circuit for heating the process air, a cleaning means adapted to provide cleaning liquid to the first heat exchanger for cleaning a portion or at least a portion of the first heat exchanger surface, and a liquid collector assigned to the first heat exchanger (2) and adapted to collect liquid from the first heat exchanger (2), wherein the liquid collector comprises at least two compartments (16, 18), a first compartment (16) is adapted to collect liquid formed by condensing at the first heat exchanger (2), a second compartment (18) is adapted to collect the cleaning liquid provided to the first heat exchanger (2) by the cleaning means, the at least two compartments (16,18) are separated from each other, and at least one of the first compartment (16) and second compartment (18) extend at least partially below the first heat exchanger (2),

IPC 8 full level
D06F 58/20 (2006.01); **D06F 58/24** (2006.01)

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

Cited by
CN107109765A; CN114908534A; CN107447471A; EP4039874A1; CN114908538A; WO2016095968A1; EP3431650B1

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)
EP 2719819 A1 20140416; EP 2719819 B1 20170201

DOCDB simple family (application)
EP 12007133 A 20121015