

Title (en)

Washer dryer with integrated condenser to the washing group

Title (de)

Waschmaschine und Wäschetrockner mit integriertem Kondensator für den Waschteil

Title (fr)

Machine à laver sèche-linge dotée d'un condensateur intégré au groupe de lavage

Publication

**EP 2149635 A1 20100203 (EN)**

Application

**EP 08104942 A 20080801**

Priority

EP 08104942 A 20080801

Abstract (en)

Combined laundry washing and drying machine comprising a rotating drum, a tub containing said drum, a detergent drawer, first water conduits controlled by respective electro-valves and able of conveying into said detergent draw a controlled liquid flow from the mains, second water conduits able of conveying said water from said drawer into said tub, an air drying path comprising , linked in series and connected each other, a suction mouth able of intaking air and water and opened in the lower part of said tub, a condenser for moisture condensing from the air flow passing into it, a channel conveying said air flow at the outlet of said condenser to a suitable fan, water admission means able of introducing a flow of water into said condenser, wherein said water being apt of realizing the cold means for the condensation, wherein said second water conduits comprise a single conduit able of conveying said water flow from said detergent drawer straight into said condenser; it is extended from said suction mouth substantially upwards, so as said suction mouth forms the lower end of said condenser, and in that the admitting opening of said single conduit into said condenser is placed in an intermediate position in the upper portion of said condenser; preferably said single conduit is continuously descending from said detergent drawer towards said condenser. During at least a time-interval of the drying cycle said fan is operated in at least two different rotation speeds, one of which allows a part of the water (B), introduced into said condenser from said single conduit, to be drawn towards the portion of said condenser downstream said intermediate position of said condenser.

IPC 8 full level

**D06F 58/24** (2006.01); **D06F 39/02** (2006.01)

CPC (source: EP US)

**D06F 58/24** (2013.01 - EP US); **D06F 39/02** (2013.01 - EP US)

Citation (applicant)

- EP 1302586 A1 20030416 - ELECTROLUX HOME PROD CORP [BE]
- EP 1199397 A2 20020424 - ELECTROLUX ZANUSSI ELETTRODOME [IT]
- GB 2291891 A 19960207 - BOSCH SIEMENS HAUSGERAETE [DE]

Citation (search report)

- [X] GB 2291891 A 19960207 - BOSCH SIEMENS HAUSGERAETE [DE]
- [X] DE 4012172 A1 19911205 - LICENTIA GMBH [DE]
- [X] EP 0499029 A1 19920819 - BOSCH SIEMENS HAUSGERAETE [DE]

Cited by

CN102409507A; EP2716809A3; EP2412861A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 2149635 A1 20100203**; **EP 2149635 B1 20131127**; RU 2009129555 A 20110210; RU 2517009 C2 20140527; WO 2010012357 A1 20100204

DOCDB simple family (application)

**EP 08104942 A 20080801**; EP 2009004934 W 20090708; RU 2009129555 A 20090731