

Title (en)

Air conditioning unit for a condensation dryer

Title (de)

Klimaanlageneinheit für einen Kondensationswäschetrockner

Title (fr)

Unité de climatisation d'air pour un sèche-linge à condensation

Publication

EP 2163677 A1 20100317 (EN)

Application

EP 09161486 A 20090529

Priority

JP 2008233613 A 20080911

Abstract (en)

Air conditioning unit (39) for a drum-type washer-dryer (1), in which a heat exchange area of an air passage (393) from a suction inlet port (391) to a suction outlet port (392) is partitioned between a suction-inlet-side heat exchange area and a suction-outlet-side heat exchange area, and a heat exchanger (395) comprising an evaporator (31) and a condenser (32) disposed in the partitioned areas inside a unit case (38) having the suction inlet port (391) and the suction outlet port (392), wherein the water generated in the heat exchange area is discharged to a bottom portion of the heat exchange area through a drainage passage provided with a projection or a narrowed portion as obstruction portions for catching a foreign matter such as lint so as not to flow onward.

IPC 8 full level

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

CPC (source: EP US)

D06F 58/206 (2013.01 - EP US); **D06F 58/22** (2013.01 - EP US); **D06F 58/24** (2013.01 - EP US)

Citation (applicant)

JP 2008079861 A 20080410 - MATSUSHITA ELECTRIC IND CO LTD

Citation (search report)

- [XA] JP 2007330439 A 20071227 - TOSHIBA CORP, et al
- [A] DE 19600489 A1 19960718 - MIELE & CIE [DE]

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DE102014209735A1; EP2559804A1; EP2620541A1; US11598044B2; EP3779028A1; WO2013024127A1

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 09161486 A 20090529; CN 200910135376 A 20090424; CN 200920148990 U 20090424; JP 2008233613 A 20080911; RU 2009129451 A 20090730; TW 98109905 A 20090326