

Title (en)

Laundry treatment apparatus with heat exchanger unit

Title (de)

Wäschebehandlungsvorrichtung mit Wärmetauschereinheit

Title (fr)

Appareil de traitement du linge avec unité d'échangeur de chaleur

Publication

EP 2674527 A1 20131218 (EN)

Application

EP 12171660 A 20120612

Priority

EP 12171660 A 20120612

Abstract (en)

The invention relates to a laundry treatment apparatus, in particular dryer or washing machine having drying function, wherein the apparatus comprises: a laundry treatment chamber for treating laundry using process air, a process air loop for circulating the process air, and a heat exchanger unit (2) arranged in the process air loop comprising a first heat exchanger (4) having a plurality of first fins (6) adapted to cool the process air and a second heat exchanger (8) having a plurality of second fins (10) adapted to heat the process air, wherein the first heat exchanger (4) and the second heat exchanger (8) are separated by a gap (16) such that the first fins (6) and the second fins (10) are separated from each other by the gap (16), wherein the heat exchanger unit (2) is arranged in a basement of the treatment apparatus, wherein the first heat exchanger (4) and the second heat exchanger (8) are connected to each other by means of at least two connecting plates (12, 14), and wherein at least one of the connecting plates (12, 14) extends across or essentially extends across the side surfaces of the first heat exchanger (4) and the second heat exchanger (8) and over the gap (16) between the first fins (6) and second fins (10).

IPC 8 full level

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

CPC (source: EP US)

D06F 58/206 (2013.01 - EP US); **D06F 58/24** (2013.01 - EP US); **F28D 7/087** (2013.01 - EP); **F28F 1/32** (2013.01 - EP); **F28F 9/262** (2013.01 - EP)

Citation (applicant)

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Citation (search report)

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- [X] US 4532720 A 19850806 - UCHIDA SHIICHIRO [JP]
- [I] US 2010107703 A1 20100506 - HISANO KOJI [JP], et al

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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 2674527 A1 20131218; WO 2013186129 A1 20131219

DOCDB simple family (application)

EP 12171660 A 20120612; EP 2013061771 W 20130607