

Title (en)

Heat exchanger for dryer and condensing type dryer using the same

Title (de)

Wärmetauscher für Wäschetrockner und Kondensations-Wäschetrockner mit einem solchen Wärmetauscher

Title (fr)

Echangeur de chaleur pour sèche-linge et sèche-linge à condensation comprenant un tel échangeur de chaleur

Publication

**EP 1726905 A2 20061129 (EN)**

Application

**EP 06010951 A 20060526**

Priority

- KR 20050045238 A 20050527
- KR 20050050558 A 20050613
- KR 20050054141 A 20050622

Abstract (en)

A heat exchanger (30) for a dryer includes a core in which a plurality of tube units (32) and a plurality of fin units (34) are alternately stacked. Front and rear covers (40,42) are attached at front and rear sides of the core. A front plate (50) is positioned between the core and the front cover and a rear plate (50) is positioned between the core and the rear cover. The plates (50) have openings (52) at locations corresponding to the opened ends of the tube units(32). The plates (50) are physically coupled with the front and rear covers (40,42). The plates (50) are also attached to the core with a cladding material by a brazing operation.

IPC 8 full level

**D06F 58/24** (2006.01); **F28D 7/16** (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP US)

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Cited by

DE102007034000B4; US8453720B2; WO2008128887A1; WO2010066719A1

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Designated extension state (EPC)

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DOCDB simple family (publication)

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**EP 06010951 A 20060526**; US 44015306 A 20060525