

Title (en)

Clothes dryer having an air passage volume with an insulated section, and heating unit and outer cover thereof

Title (de)

Kleider Trocknungsvorrichtung mit Luftdurchgangselement mit isoliertem Bereich sowie Erwärmungseinheit und äußere Abdeckung dafür

Title (fr)

Sèche-linge doté d'un volume de passage d'air avec une section isolée, et son unité de chauffage et son couvercle extérieur

Publication

**EP 2022885 A1 20090211 (EN)**

Application

**EP 07014979 A 20070731**

Priority

EP 07014979 A 20070731

Abstract (en)

The invention relates to a preassembled heater unit (7) for a clothes dryer (25), to a preassembled outer cover (1) of a clothes dryer, and to a clothes dryer, which are provided with an electric heating element (4), preferably of the coiled resistance wire type, and form an insulating section (S), into which the heater element extends. In order to avoid current leakages from the heater elements to parts of the heater unit, the outer cover and/or the clothes dryer, respectively, the insulating section is separated from those parts that are electrically conductive and are electrically insulated from the heater elements by a layer of insulating material (5). Thus, there are no grounded parts in the vicinity of the heater elements that protrude into the air passage volume and may be conductively connected to the heater elements in operation due to the saline fog or splashing.

IPC 8 full level

**D06F 58/26** (2006.01)

CPC (source: EP US)

**D06F 58/04** (2013.01 - EP US); **D06F 58/26** (2013.01 - EP US)

Citation (search report)

- [E] EP 1813711 A1 20070801 - IAR SILTAL SPA [IT]
- [X] EP 1593772 A1 20051109 - DBK DAVID & BAADER GMBH [DE]
- [X] EP 1593771 A1 20051109 - DAVID & BAADER DBK SPEZFAB [DE]
- [A] DE 9401864 U1 19940331 - TUERK & HILLINGER GMBH [DE]

Cited by

CN108330664A; CN112609401A; WO2016034220A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 2022885 A1 20090211**; **EP 2022885 B1 20091007**; AT E445042 T1 20091015; DE 602007002712 D1 20091119; PL 2022885 T3 20100331

DOCDB simple family (application)

**EP 07014979 A 20070731**; AT 07014979 T 20070731; DE 602007002712 T 20070731; PL 07014979 T 20070731