

Title (en)  
Laundry drier

Title (de)  
Wäschetrockner

Title (fr)  
Sèche-linge

Publication  
**EP 1342828 B1 20061220 (DE)**

Application  
**EP 03002961 A 20030211**

Priority  
DE 20202782 U 20020221

Abstract (en)  
[origin: EP1342828A2] A washer-drier has a closed warm air circuit (2) in which a fan (6), a heating device (8), a drum (9) for the accommodation of the washing and a heat exchanger (11) with condensed water container (15) are arranged in sequence and a fan for the generation of a cold air stream (3) over the heat exchanger for the dehumidifying of the warm air. The heating device is a warm side (7) of at least one Peltier element and a cold side (14) of the Peltier element(s) is arranged in the cold air stream. A closed cold air circuit is provided. The heat exchanger is a contra-flow heat exchanger.

IPC 8 full level  
**D06F 58/24** (2006.01); **D06F 58/20** (2006.01)

CPC (source: EP US)  
**D06F 58/20** (2013.01 - EP US); **D06F 58/206** (2013.01 - EP US); **B65H 2511/512** (2013.01 - EP); **B65H 2513/42** (2013.01 - EP)

Cited by  
DE102005057763A1; US9279212B2; US7604014B2; US8356496B2; WO2007071517A1; WO2008077838A1; WO2008052906A3; WO2007071536A1; WO2012089514A1; US8365539B2; US9322126B2; WO2005114755A3; WO2008031688A1; WO2005114756A3

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)  
**EP 1342828 A2 20030910**; **EP 1342828 A3 20041201**; **EP 1342828 B1 20061220**; AT E348909 T1 20070115; DE 20202782 U1 20020425; DE 50306006 D1 20070201

DOCDB simple family (application)  
**EP 03002961 A 20030211**; AT 03002961 T 20030211; DE 20202782 U 20020221; DE 50306006 T 20030211