

Title (en)  
DEHUMIDIFIER

Title (de)  
ENTFEUCHTER

Title (fr)  
DÉSHUMIDIFICATEUR

Publication  
**EP 2010827 A4 20120321 (EN)**

Application  
**EP 07746207 A 20070426**

Priority  
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Abstract (en)  
[origin: WO2007126248A2] A dehumidifier includes a main body case that defines an inner space and is provided at a side with an external air inlet, a top panel that is installed to form a spaced gap through which air heat-exchanged discharges on a top of the main body case, a barrier dividing the inner space, and a plurality of heat exchangers that are disposed at a side of the barrier to allow circulation air circulating the inner space to be heat-exchanged with external air introduced from an external side.

IPC 8 full level  
**F24F 3/14** (2006.01)

CPC (source: EP KR US)  
**F24F 3/12** (2013.01 - KR); **F24F 3/14** (2013.01 - KR); **F24F 3/1423** (2013.01 - EP US); **F24F 2203/1004** (2013.01 - EP US); **F24F 2203/1012** (2013.01 - EP US); **F24F 2203/1032** (2013.01 - EP US); **F24F 2203/104** (2013.01 - EP US); **F24F 2203/106** (2013.01 - EP US); **F24F 2203/1068** (2013.01 - EP US); **F24F 2203/1084** (2013.01 - EP US)

Citation (search report)  
• [X] JP 2002326012 A 20021112 - MATSUSHITA SEIKO KK  
• [XP] WO 2006135171 A2 20061221 - LG ELECTRONICS INC [KR], et al  
• [A] JP 2002035531 A 20020205 - SHARP KK  
• [A] JP 2004275835 A 20041007 - TIGER VACUUM BOTTLE CO LTD  
• See references of WO 2007126248A2

Cited by  
US11828488B2

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DOCDB simple family (publication)  
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