

Title (en)  
HEAT PUMP DRYER

Title (de)  
WÄRMEPUMPENTROCKNER

Title (fr)  
SÈCHE-LINGE À POMPE À CHALEUR

Publication  
**EP 3124682 A1 20170201 (EN)**

Application  
**EP 15178411 A 20150727**

Priority  
EP 15178411 A 20150727

Abstract (en)  
The present invention is relative to a drying appliance (1) including o A treating chamber where items are introduced and treated with a process medium; o a heat pump (30) system having a refrigerant circuit (38) in which a refrigerant can flow, said refrigerant circuit (38) including a first heat exchanger (31) where the refrigerant is cooled off, a second heat exchanger (32) where the refrigerant is heated up, a compressor (33) to pressurize and circulate the refrigerant through the refrigerant circuit, and a pressure-lowering device (34); said first and/or second heat exchanger being apt to perform heat exchange between said refrigerant flowing in said refrigerant circuit (38) and said process medium; characterized in that it further includes o a grid (40) interposed between said first and said second heat exchanger (31, 32) so that said process medium flowing through the second heat exchanger is at least partially guided toward the first heat exchanger.

IPC 8 full level  
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CPC (source: CN EP US)  
**D06F 58/206** (2013.01 - CN EP US); **D06F 58/24** (2013.01 - CN EP US)

Citation (search report)  
• [A] EP 2527528 A1 20121128 - ELECTROLUX HOME PROD CORP [BE]  
• [A] US 2010192397 A1 20100805 - KIM NA EUN [KR], et al  
• [A] EP 2881514 A1 20150610 - MIELE & CIE [DE]  
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