

Title (en)  
Drying machine and washing machine comprising a drying machine

Title (de)  
Trockenmaschine sowie Waschmaschine mit Trockenmaschine

Title (fr)  
Séchoir et machine à laver comprenant un séchoir

Publication  
**EP 2848730 A3 20150729 (EN)**

Application  
**EP 14193979 A 20101222**

Priority  
• JP 2009298667 A 20091228  
• EP 10196598 A 20101222

Abstract (en)  
[origin: EP2351883A2] A drying machine (500) including housing (1), outer vessel (2) supported in housing (1), rotating drum (3) mounted in outer vessel (2) to accommodate and dry clothing, heat pump device (30) including heat exchanger (HEX) for drying clothing in rotating drum (3), blower (9) for blowing dry air, circulatory ventilation flue (8) for connecting outer vessel (2) to heat pump device (30) to define circulation path through which dry air from blower (9) circulates, and filter (40) disposed in circulatory ventilation flue (8) to prevent infiltration of dust components into heat exchanger (HEX), wherein filter (40) and heat exchanger (HEX) are disposed in upper space above outer vessel (2) formed in housing (1), and filter (40), heat exchanger (HEX) and blower (9) are disposed in sequence along flow direction of dry air.

IPC 8 full level  
**D06F 58/22** (2006.01)

CPC (source: EP US)  
**D06F 58/206** (2013.01 - EP US); **D06F 58/22** (2013.01 - EP US)

Citation (search report)  
• [X] JP 2009077771 A 20090416 - HITACHI APPLIANCES INC  
• [A] JP 2004135715 A 20040513 - MITSUBISHI ELECTRIC CORP, et al  
• [A] DE 102005062940 A1 20070705 - BSH BOSCH SIEMENS HAUSGERAETE [DE]  
• [A] JP 2008194439 A 20080828 - MITSUBISHI ELECTRIC CORP, et al

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US11186943B2; US11761141B2; EP3124679B1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 2351883 A2 20110803; EP 2351883 A3 20120321; EP 2351883 B1 20170614**; CN 102108623 A 20110629; CN 102108623 B 20130508; CN 201962525 U 20110907; EP 2848730 A2 20150318; EP 2848730 A3 20150729; EP 2848730 B1 20170503; EP 2848731 A2 20150318; EP 2848731 A3 20150729; EP 2848731 B1 20170308; ES 2623910 T3 20170712; ES 2634335 T3 20170927; ES 2640252 T3 20171102; JP 2011136075 A 20110714; JP 5232134 B2 20130710; TW 201139778 A 20111116; TW I434973 B 20140421

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**EP 10196598 A 20101222**; CN 201010622981 A 20101228; CN 201020698285 U 20101228; EP 14193979 A 20101222; EP 14193983 A 20101222; ES 10196598 T 20101222; ES 14193979 T 20101222; ES 14193983 T 20101222; JP 2009298667 A 20091228; TW 99145210 A 20101222