

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 2848731 A2 20150318 (EN)

Application
EP 14193983 A 20101222

Priority
• JP 2009298667 A 20091228
• EP 10196598 A 20101222

Abstract (en)
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 (applicant)
JP 2006110394 A 20060427 - MATSUSHITA ELECTRIC IND CO LTD

Cited by
US11186943B2; US11761141B2

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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