

Title (en)  
Improved laundry dryer with refreshment operation

Title (de)  
Wäschetrockner mit Auffrischenfunktion

Title (fr)  
Sèche-linge avec fonction de rafraîchissement

Publication  
**EP 1990466 B1 20101103 (EN)**

Application  
**EP 07108016 A 20070511**

Priority  
EP 07108016 A 20070511

Abstract (en)  
[origin: EP1990466A1] Household drying machine comprising a rotating drum, an air circulation duct across said drum, a moisture condenser for the drying air, a tray (12) for the collection of the condensed moisture, hydraulic means able of drawing the water contained in said tray, and of conveying it into diffusion means (22), even at a steam state, or as a spray, directly into said drum, or into said air circulation duct, wherein said hydraulic means comprise an hydraulic pipe (17) going out of said tray and eventually provided with a respective pump (13), and which branches out (19), through a selectively controllable valve (18), into a secondary tank (16) connected to a channel (23) and to said diffusion or steaming means (22); said valve (18) comprises a filter (43) able of filtering the liquid flow crossing it. Said filter (43) can be removed and extracted from the valve body (21); when said filter is introduced in said valve (18), it lets the moisture to pass, and when said filter is extracted from said valve (18), the inlet access to said valve (18) remains closed.

IPC 8 full level  
**D06F 58/20** (2006.01); **D06F 58/24** (2006.01); **D06F 73/02** (2006.01)

CPC (source: EP US)  
**D06F 58/203** (2013.01 - EP US); **D06F 58/22** (2013.01 - EP US); **D06F 58/24** (2013.01 - EP US)

Cited by  
ITTO20110812A1; EP2568075A1; CN105518208A; EP3133203A1; EP2610399A1; EP2314758A1; US8132339B2; EP2389474A4; DE102015114255A1; US10196773B2; US10619290B2; WO2013045298A1; WO2014102317A3; WO2014169955A1; WO2017211819A1; WO2011064161A1; WO2011157560A1

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