

Title (en)
Clothes dryer with lint cleaning mechanism

Title (de)
Wäschetrockner mit Flusenfilterreinigung

Title (fr)
Sèche-linge doté d'un nettoyage du filtre à peluches

Publication
EP 2559805 A1 20130220 (EN)

Application
EP 12180492 A 20120815

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Abstract (en)
The invention relates to a clothes tumble dryer (10) comprising a rotating drum (12) and a closed processing air duct adapted to circulate processing air (14) through the drum. The dryer further comprises a heater or first heat exchanger adapted to heat the processing air before it enters the drum (12) and a second heat exchanger adapted to remove moisture from the processing air (14) after it has passed through the drum (12). Further, a lint filter (18) is positioned in the duct to remove lint from the process air (14). Furthermore, the dryer (10) comprises an accumulator tank adapted to collect condense water from the second heat exchanger and a water pump (20) adapted to pump the water from the accumulator tank. The invention is characterized in that the water pump (20) is fluidly connected to a nozzle means (24) via a cleaning circuit (26, 28, 30a-d), wherein the circuit is adapted to hold a water pressure generated by the pump (20) and guide the condense water from the pump (20) to the nozzle means (24) in order to spray condense water onto the lint filter (18).

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