

Title (en)

METHOD FOR CLEANING AN AIR PATH IN A WASHER/DRYER, AND WASHER/DRYER SUITABLE FOR THIS PURPOSE

Title (de)

VERFAHREN ZUM REINIGEN EINES LUFTWEGES IN EINEM WASCHTROCKNER SOWIE HIERZU GEEIGNETER WASCHTROCKNER

Title (fr)

PROCÉDÉ POUR NETTOYER UN CONDUIT D'AIR DANS UN LAVE-LINGE SÉCHANT AINSI QUE LAVE-LINGE SÉCHANT APPROPRIÉ

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Application

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Abstract (en)

[origin: WO2012028458A1] The invention relates to a method for cleaning a process air channel 5 in a washer/dryer, wherein the washer/dryer has a washing tub 1, a drum 2 which is mounted rotatably in the washing tub 1 for receiving laundry items 3, a control device 18 and the process air channel 5, in which a heater 7 for heating air, a fan 6, a heat exchanger 8 and a transition part 25 between the heat exchanger 8 and the washing tub 1 are situated. The method comprises the following steps: (a) provision of an aqueous liquid 11 in the washing tub 1 and in the transition part 25, with the result that a proportion Q_{aq} of a cross section Q_{tot} of the transition part 25 is taken over by the liquid 11; (b) generation of a process air stream 17 of air which is situated in the process air channel 5, at a flow speed v_{air} , by means of the fan 6; (c) bringing the air flow 17 into contact with the liquid 11 in the washing tub 1 and in the transition part 25, with the result that a mixture of the liquid and the air 15 is formed, wherein the proportion Q_{aq} and the flow speed v_{air} of the process air stream 17 are selected in such a way that the mixture 15 is produced in such a way that it does not take up the cross section $Q_{aw} = Q_{tot} - Q_{aq}$ which is not filled with the liquid 11 in the transition part 25; and (d) cleaning of the process air channel 5 by means of the mixture. Moreover, the invention relates to a washer/dryer which is suitable for carrying out this method.

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