

Title (en)  
TUMBLE DRYER WITH A HEAT PUMP SYSTEM

Title (de)  
WÄSCHETROCKNER MIT WÄRMEPUMPENSYSYSTEM

Title (fr)  
SÈCHE-LINGE AVEC UN SYSTÈME DE POMPE À CHALEUR

Publication  
**EP 3717689 A1 20201007 (EN)**

Application  
**EP 17804568 A 20171128**

Priority  
EP 2017080655 W 20171128

Abstract (en)  
[origin: WO2019105524A1] A tumble dryer (1) comprising a heat pump system (22) and an air flow circuit (21) for circulation of an air flow. The air flow circuit (21) comprises a condenser (19), a drying drum (11), a fan arrangement (13), an air flow duct (18) and an evaporator (15). The air flow duct (18) comprises a constriction (16), arranged upstream the evaporator (15). The constriction (16) is provided with a plurality of openings (23), distributed across a cross section of the air flow duct (18), wherein the constriction (16) is adapted to create a pressure drop in the air flow that is circulated in the air flow duct (18), when the air flow flows from a first side A of the constriction (16) to a second side B of the constriction (16). The openings (23) in the constriction (16) are adapted to distribute the air flow across the cross section of the air flow duct (18).

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CPC (source: EP US)  
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