

Title (en)
A HYBRID LAUNDRY DRYER

Title (de)
EIN HYBRID WÄSCHETROCKNER

Title (fr)
UN SÉCHOIR À LINGE HYBRIDE

Publication
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Application
EP 19778480 A 20190924

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Abstract (en)
[origin: WO2020088847A1] The present invention relates to a hybrid laundry dryer (1) with heat pump (17) and resistance heater (5), comprising a tub (2); an air duct (3) wherein the processing air cycle is performed; a fan (4) providing the circulation of the processing air; a resistance heater (5) which is disposed in the air duct (3) at the inlet of the drum (2); a compressor (6) which provides the refrigerant cycle, an evaporator (7) which is disposed in the air duct (3) and which condenses the humid processing air, a condenser (8) which is disposed in the air duct (3) and which heats the processing air dehumidified in the evaporator (7) and a discharge duct (9) which is disposed at the lower side of the body and wherein the water condensing in the evaporator (7) is collected, which all together form the heat pump (17) which provides the heating and dehumidification of the processing air; a detachable water tank (10) which is disposed at the upper side of the body, which receives the condensate and which is afterwards emptied by the user; and a discharge pump (11) which pumps the water in the discharge duct (9) into the water tank (10).

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