

Title (en)
CLOTHES DRYER OR WASHER-DRYER

Title (de)
KLEIDUNGSTROCKNER ODER WASCHTROCKNER

Title (fr)
SÈCHE-LINGE OU MACHINE À LAVER SÉCHANTE

Publication
EP 3252216 A1 20171206 (EN)

Application
EP 16205510 A 20161220

Priority
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Abstract (en)
A clothes dryer or washer-dryer which includes: a cabinet (100); an inner drum (200) rotatably disposed in the cabinet (100) and having an air inlet and an air outlet; and a heat pump module (300) disposed to an upper end of the cabinet (100) and including a casing (1) connected with the cabinet (100) and defining a heat exchange chamber (10A) and at least one mounting chamber (103B) therein, the heat exchange chamber (10A) having a heat exchange inlet and a heat exchange outlet; a condenser (2) disposed in the heat exchange chamber (10A); a compressor (3) disposed to the casing (1); an evaporator (4) disposed to the casing (1); a throttling device disposed to the casing (1) and sequentially connected with the condenser (2), the compressor (3) and the evaporator (4) to form a heat pump (300) circuit; and a fan assembly (6) disposed to the casing (1) and having an inlet and an outlet, the inlet communicating with the heat exchange outlet, and the outlet communicating with the air inlet, wherein at least one of the compressor (3), the evaporator (4), the throttling device and the fan assembly (6) is disposed in the corresponding at least one mounting chamber (103B). The clothes dryer or washer-dryer with the heat pump module (300) integrally mounted to the cabinet (100) is reasonable in component layout and stable in component installation.

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Citation (search report)
• [XI] EP 2843119 A1 20150304 - ELECTROLUX APPLIANCES AB [SE]
• [XI] EP 2385163 A1 20111109 - ELECTROLUX HOME PROD CORP [BE]
• [I] EP 2270274 A1 20110105 - ELECTROLUX HOME PROD CORP [BE]

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