

Title (en)
TUMBLE DRYER WITH PELTIER HEAT PUMP

Title (de)
WÄSCHETROCKNER MIT PELTIER-WÄRMEPUMPE

Title (fr)
SÈCHE-LINGE À POMPE À CHALEUR PELTIER

Publication
EP 1966427 A1 20080910 (DE)

Application
EP 06830224 A 20061130

Priority
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• DE 102005060673 A 20051219

Abstract (en)
[origin: US2010212176A1] A tumble dryer including a heat pump that includes a Peltier module having a plurality of Peltier elements operationally associated therewith and wherein the Peltier module has a cold side and a warm side; at least two air-directing ducts including a first duct in fluid communication with the Peltier module cool side through which cooling air is directed for cooling and dehumidifying; and a second duct in fluid communication with the Peltier module warm side through which dried air is directed for reheating; and an air and water vapor permeable filter disposed in the second duct facing the Peltier elements. Moisture which arises on the Peltier elements can thereby escape into the duct.

IPC 8 full level
D06F 58/20 (2006.01)

CPC (source: EP KR US)
D06F 58/206 (2013.01 - EP KR US); **D06F 58/20** (2013.01 - EP KR US)

Citation (search report)
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