

Title (en)
IMPROVEMENTS INTRODUCED TO CLOTHES WASHING AND DRYING MACHINES

Title (de)
VERBESSERUNGEN AN WASCHMASCHINEN UND WÄSCHETROCKNERN

Title (fr)
AMELIORATION APPORTEES AUX MACHINES A LAVER ET A SECHER LE LINGE

Publication
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Application
EP 02759948 A 20020830

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• BR 0106808 A 20010831

Abstract (en)
[origin: US2005005649A1] Improvements introduced to clothes and drying machines, according to which the application of the innovative circumscribed ring-motor (1) is established, and now also the flat ring-motor (6) and its respective variations, in mini washing machines and mini-clothes dryers. The circumscribed ring-motor (1) and the flat ring-motor (6) properly encapsulated and protected from contact with water, considerably substitute various normal mechanical components necessary for the movement of the tub (20) and washing such as belts, pulleys, gears and gearbox. The constructive simplicity of the motor permits pat of it to be coupled on the surface of the washing chamber, tub (20) on the lid (21) or on the outside botton part of the machine, generating the alternate circular movement of the washing chamber, tub (20) directly or indirectly without the assitance of secondary parts, thus permitting a vast number of variations and allowing the tube (20) to be removed at the end of the washing process and serve to transport the clothing.

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