

Title (en)
IMPROVED WASHING MACHINE WITH A REDUCED POWER CONSUMPTION

Publication
EP 0236282 B1 19900718 (EN)

Application
EP 87830069 A 19870227

Priority
IT 1959686 A 19860228

Abstract (en)
[origin: EP0236282A1] An improved machine is described, by means of which it is possible, with a comparable washing performance, to use a quantity of water reduced in comparison with a prior machine, with the consequence of reduced consumption of electric power and saving of detergent. This is obtained by decreasing the diameter size of the washing tank (10) containing the rotating drum (20) with horizontal axis (XX), so as to ensure all the same a sufficient water level inside the drum even with a reduced water feed. As the gap (15) between drum (20) and washing tank (10) would thereby assume a very small size, such that a heating resistor (16) would not be allowed therein, a suitable recess (14) is provided in the washing tank for housing the electric resistance. Furthermore the spokes or ribs (22, 22', 22'') for dragging the fabrics inside the drum, which are traditionally hollow and parallel to the drum axis, are formed at the outer periphery of the drum with openings (23) which are facing the gap between drum and washing tank to draw water from said gap, and with holes (25) at their innermost zone in the drum, whereby during the rotatory movement of the latter the received water will flow out therefrom by rain-like sprinkling so as to soak the fabrics within the drum.

IPC 1-7
D06F 23/02

IPC 8 full level
D06F 23/02 (2006.01)

CPC (source: EP)
D06F 37/065 (2013.01)

Cited by
DE3712118A1; DE3631724A1; US11459692B2; US11525200B2; US11572652B2

Designated contracting state (EPC)
DE ES FR GB

DOCDB simple family (publication)
EP 0236282 A1 19870909; EP 0236282 B1 19900718; EP 0236282 B2 19930901; DE 3763702 D1 19900823; ES 2016653 B3 19901116; ES 2016653 T5 19950801; IT 1190075 B 19880210; IT 8619596 A0 19860228; IT 8619596 A1 19870828

DOCDB simple family (application)
EP 87830069 A 19870227; DE 3763702 T 19870227; ES 87830069 T 19870227; IT 1959686 A 19860228