

Title (en)

AUTOMATIC LOCKING DEVICE TO STOP THE DRUM OF WASHING MACHINES AT A GIVEN POSITION

Publication

EP 0347393 A3 19910814 (EN)

Application

EP 89830268 A 19890616

Priority

IT 2102388 A 19880617

Abstract (en)

[origin: EP0347393A2] An automatic locking device is described to stop the drum of a washing machine at a given position. As a last operative step of the washing cycle, before cutting off electric power from every part of the machine, the programming device causes an electric motor with reduction gear (2) to be operated driving a shaped wheel (3) with a cam (3a) for engagement with a lever (4) having at one end a roller (5) which is adapted to partially fit into a recess (15) formed on the periphery of the drum driving pulley (1). Suitable microswitches (6,7,8), being responsive to the relative position of the said cam wheel (3) and lever (4) sequentially switch off the geared motor (2) and actuate again the main motor (13) for rotating the drum, then cause it to be finally switched off with the drum being locked and the electric lock (12,12') to be actuated for opening, while upon starting a new cycle the geared motor (2) is operated again to unlock the drum by lifting the lever (4) with roller (5) thus allowing the usual operation of the machine.

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D06F 37/30

IPC 8 full level

D06F 37/30 (2006.01)

CPC (source: EP US)

D06F 37/302 (2013.01 - EP US)

Citation (search report)

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