

Title (en)

PROGRAMMER WITH A TIMING CAM FOR AN AUTOMATIC WASHING MACHINE

Publication

EP 0033051 B1 19830323 (FR)

Application

EP 80401889 A 19801230

Priority

FR 8001819 A 19800128

Abstract (en)

[origin: EP0033051A1] 1. Programmer for automatic washing machine, comprising a rotating programming cam unit adapted to cooperate with blade contacts (7, 8, 9) for respectively performing determined functions, means (20) for driving the cam unit in rotation, and at least one timing cam (1) associated with one of the blade contacts (7, 8, 9) and with the associated programming cam (5a) of the cam unit, the timing cam (1) being arranged to be driven in rotation and for a low profile (53) of said associated programming cam (5a) to be able to cooperate with said contact only after the timing cam (1) has rotated through a determined angle, characterized in that the timing cam (1) is mounted on the hub (5) of the cam unit, it is arranged to be driven, against the action of elastic bracing means (3), by the means (20) for driving the cam unit, and in that it has a high profile (11) of radius greater than a high profile (51) of said associated programming cam (5a), an intermediate timing profile (12) whose radius is less than the high profile (51) of the associated programming cam (5a) and a low profile (14) of such radius that it makes it possible to stop timing and enables the blade (4) of said associated contact to come into contact on the low profile (53) of the associated programming cam (5a).

IPC 1-7

H01H 43/06

IPC 8 full level

H01H 43/04 (2006.01)

CPC (source: EP)

H01H 43/04 (2013.01)

Citation (examination)

- FR 1548677 A 19681206
- FR 2241108 A1 19750314 - COPRECI IND SCI [ES]
- FR 2188275 A1 19740118 - CROUZET SA [FR]
- FR 2195807 A2 19740308 - MALLORY TIMERS CONTINENT [IT]

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0033051 A1 19810805; EP 0033051 B1 19830323; DE 3062472 D1 19830428; ES 499482 A0 19811201; ES 8200792 A1 19811201; FR 2474758 A1 19810731; FR 2474758 B1 19820730

DOCDB simple family (application)

EP 80401889 A 19801230; DE 3062472 T 19801230; ES 499482 A 19810128; FR 8001819 A 19800128