

Title (en)

DRIVE MOTOR CONTROL METHOD IN LARGE DOMESTIC APPLIANCES, ESPECIALLY IN WASHING MACHINES AND LINEN DRIERS

Publication

EP 0422423 A3 19920603 (DE)

Application

EP 90118065 A 19900920

Priority

DE 3933786 A 19891010

Abstract (en)

[origin: EP0422423A2] 1. Drive motor control method in large domestic appliances, especially in washing machines and linen dryers. 2.1. The washing sequence during a washing or drying process is intended to be optimised in such a manner that values which are always reproducible and constant can be achieved. In known appliances of the type under discussion, the drum drive takes place in a purely time limited manner via program switching mechanisms or time switches. However, because of fluctuations in the mains, this always results in different drum rotation speeds and hence different washing sequences. Using the method according to the invention, the drive motor is driven precisely via the number of drum rotations to be executed. In consequence, the washing sequences remain constant and are reproducible. 2.2. The said drive takes place by presetting a nominal number of revolutions. The preset nominal value is defined either in numbers of revolutions, drum centre angle degrees or by the number of tachometer periods emitted by the tachometer generator. 2.3. The method is used in washing machines or linen dryers. Transfer in an analogous manner to dishwashers is possible.

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CPC (source: EP US)

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Citation (search report)

- [X] FR 2384054 A1 19781013 - HOTPOINT LTD [GB]
- [X] FR 2384055 A1 19781013 - HOTPOINT LTD [GB]
- [A] DE 2818286 A1 19791031 - BAUKNECHT GMBH G

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