

Title (en)

METHOD FOR OPERATING A PROGRAMMABLE WASHING MACHINE AND A WASHING MACHINE SUITED THEREFOR

Title (de)

VERFAHREN ZUM BETREIBEN EINER PROGRAMMIERBAREN WASCHMASCHINE UND DAFÜR GEEIGNETE WASCHMASCHINE

Title (fr)

PROCEDE POUR FAIRE FONCTIONNER UN LAVE-LINGE PROGRAMMABLE ET LAVE-LINGE ASSOCIE

Publication

**EP 1417369 B1 20061011 (DE)**

Application

**EP 02748715 A 20020522**

Priority

- DE 10136519 A 20010726
- EP 0205625 W 20020522

Abstract (en)

[origin: US6868573B2] The washing machine has a drum, which rotates inside a fixed suds container about an axis that rises toward the loading opening. Scooping devices mounted on the drum scoop suds onto the laundry with a scooping power that depends on the direction of rotation of the drum. In the scooping direction, the scooping devices uniformly wet the articles to be washed with the suds. During the wet treatment phase the drum is operated in alternating directions of rotation and with a speed that changes according to the direction of rotation for a respectively limited duration that can be varied in both directions of rotation. During the entire wet treatment phase the drum is driven in the scooping direction with equal time intervals and with uniform setpoint speed. The speed and the duration of the time intervals vary counter to the scooping direction along a wetting phase, a washing phase, and a rinsing phase.

IPC 8 full level

**D06F 35/00** (2006.01); **D06F 23/06** (2006.01); **D06F 37/06** (2006.01)

CPC (source: EP US)

**D06F 23/06** (2013.01 - EP US); **D06F 35/006** (2013.01 - EP US); **D06F 37/06** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 03010380 A1 20030206**; AT E342393 T1 20061115; CN 1302169 C 20070228; CN 1535338 A 20041006; DE 10136519 A1 20030220; DE 10136519 B4 20040902; DE 50208428 D1 20061123; EP 1417369 A1 20040512; EP 1417369 B1 20061011; ES 2274061 T3 20070516; KR 100802256 B1 20080211; KR 20040018512 A 20040303; US 2004226107 A1 20041118; US 6868573 B2 20050322

DOCDB simple family (application)

**EP 0205625 W 20020522**; AT 02748715 T 20020522; CN 02814764 A 20020522; DE 10136519 A 20010726; DE 50208428 T 20020522; EP 02748715 A 20020522; ES 02748715 T 20020522; KR 20047001106 A 20020522; US 76558504 A 20040126