

Title (en)

Method for balancing the load in a laundry washing and/or drying machine, and machine implementing such a method

Title (de)

Verfahren zum Auswuchten in einer Wäschewasch- und/oder -trocknermaschine und Maschine zum Durchführen dieses Verfahrens

Title (fr)

Procédé d'équilibrage dans une machine à laver et/ou à sécher le linge et machine utilisant un tel procédé

Publication

**EP 0732437 B2 20070801 (EN)**

Application

**EP 96104015 A 19960314**

Priority

IT TO950187 A 19950314

Abstract (en)

[origin: EP0732437A1] A method is described for balancing the load of clothes in a laundry washing and/or drying machine of the type comprising a motor (MO) to generate a rotation of a drum containing the laundry, a control system (SC) for said motor (MO) and means (T) for detecting the balance conditions of the laundry load inside the drum, said method comprising an initial rotation phase (B') of the drum at a first speed capable of producing a substantial adhesion of the clothes to the drum walls, and a detection phase, during said initial phase (B'), of the load balance conditions, where one or more balance actions (R, A",B") of the load itself are provided should an unbalanced load condition be detected. According to the invention, said balance action or actions (R,A",B") are obtained maintaining the drum in continuous rotation, alternating phases (R) at a reduced rotation speed and phases (B") operating at said first speed. <IMAGE>

IPC 8 full level

**D06F 35/00** (2006.01); **D06F 37/20** (2006.01)

CPC (source: EP US)

**D06F 33/48** (2020.02 - EP US); **D06F 33/40** (2020.02 - EP US); **D06F 2101/00** (2020.02 - EP US); **D06F 2103/24** (2020.02 - EP US); **D06F 2103/26** (2020.02 - EP US); **D06F 2105/52** (2020.02 - EP US)

Citation (opposition)

Opponent :

- DE 2620464 A1 19761202 - PHILIPS NV
- DE 4336349 A1 19950427 - BOSCH SIEMENS HAUSGERAETE [DE]
- US 2917175 A 19591215 - TOMA JOHN W

Cited by

DE102011089107A1; CN105378172A; JP2012120687A; GB2322141A; GB2322141B; CN1093193C; EP2527511A1; CN103321012A; US8631526B2; US8930031B2; US8984693B2; US9279206B2; WO2008064444A3; WO2015025476A1; WO0171084A3; WO2010072556A1; EP4306703A1; EP4317571A1

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

**EP 0732437 A1 19960918**; **EP 0732437 B1 20020703**; **EP 0732437 B2 20070801**; DE 69622067 D1 20020808; DE 69622067 T2 20030227; DE 69622067 T3 20080306; ES 2179132 T3 20030116; ES 2179132 T5 20080216; IT 1279162 B1 19971204; IT TO950187 A0 19950314; IT TO950187 A1 19960914

DOCDB simple family (application)

**EP 96104015 A 19960314**; DE 69622067 T 19960314; ES 96104015 T 19960314; IT TO950187 A 19950314