

Title (en)

A method and a device for detecting failure of the drum drive system of a tumble clothes dryer

Title (de)

Verfahren und Vorrichtung zur Erkennung der Fehlfunktion des Trommel-Antriebssystems eines Wäschetrockners

Title (fr)

Procédé et dispositif pour détecter les pannes du système d'entraînement du tambour d'un sèche-linge

Publication

EP 1816253 A3 20070905 (EN)

Application

EP 06100754 A 20060124

Priority

EP 06100754 A 20060124

Abstract (en)

[origin: EP1816253A2] A method for monitoring failure of a drum rotation system of a clothes dryer comprises acquiring a conductivity signal from the conductivity sensor of the dryer, and processing said signal in the frequency domain in order to retain a frequency spectra of the clothes tumbling process while rejecting the frequency spectra of noises and/or the like.

IPC 8 full level

D06F 58/50 (2020.01); **D06F 58/38** (2020.01)

CPC (source: EP US)

D06F 58/50 (2020.02 - EP US); **D06F 58/08** (2013.01 - EP US); **D06F 58/38** (2020.02 - EP US); **D06F 2103/06** (2020.02 - EP US); **D06F 2103/10** (2020.02 - EP US); **D06F 2103/24** (2020.02 - EP US); **D06F 2103/32** (2020.02 - EP US); **D06F 2103/52** (2020.02 - EP US); **D06F 2105/58** (2020.02 - EP US)

Citation (search report)

- [AD] US 2005016013 A1 20050127 - BANG JONG CHUL [KR], et al
- [A] US 6326758 B1 20011204 - DISCENZO FREDERICK M [US]
- [A] GB 2068099 A 19810805 - PHILIPS ELECTRONIC ASSOCIATED
- [A] US 3758959 A 19730918 - KARKLYS J
- [A] EP 0549467 A1 19930630 - SEXTANT AVIONIQUE [FR]

Cited by

DE102017219053A1; US2015322611A1; US9957653B2; WO2019081448A1; WO2010063554A1; US8578627B2; US8847728B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1816253 A2 20070808; **EP 1816253 A3 20070905**; **EP 1816253 B1 20081029**; AT E412796 T1 20081115; DE 602006003405 D1 20081211; ES 2317414 T3 20090416; PL 1816253 T3 20090430

DOCDB simple family (application)

EP 06100754 A 20060124; AT 06100754 T 20060124; DE 602006003405 T 20060124; ES 06100754 T 20060124; PL 06100754 T 20060124