

Title (en)

DETECTION OF LAUNDRY COILERS IN LAUNDRY DRIERS

Title (de)

ERKENNEN VON WÄSCHEWICKLERN IN WÄSCHETROCKNUNGSGERÄTEN

Title (fr)

DÉTECTION DES ENROULEMENTS DE LINGE DANS LES SÈCHE-LINGE

Publication

EP 3527713 B1 20210707 (DE)

Application

EP 19155900 A 20190207

Priority

DE 102018202527 A 20180220

Abstract (en)

[origin: CN110172809A] The invention relates to a method of detecting the winding of clothes in a laundry drier (1) with a clothes roller (2) that can rotate horizontally. According to the method, when the clothes roller (2) rotates, the change of the resistance of the clothes (W) in the clothes roller (2) is recorded as time passes; the time change process is converted into a frequency mode (P1-P4); at least one time sequence of the frequency position (f1) of the frequency peak (P1) of the frequency mode (P1-P4) is monitored; and when the frequency change (Δf) of at least one monitored frequency position (P1) reaches a predetermined parameter (S), people can judge that winding of clothes (W) happens in the clothes roller. The laundry drier (1) is provided with a method for executing any one of the claims mentioned above.

IPC 8 full level

D06F 58/30 (2020.01); **D06F 58/38** (2020.01)

CPC (source: CN EP US)

D06F 58/38 (2020.02 - CN EP US); **D06F 2103/02** (2020.02 - CN EP US); **D06F 2105/46** (2020.02 - CN EP US);
D06F 2105/52 (2020.02 - CN EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3527713 A1 20190821; **EP 3527713 B1 20210707**; CN 110172809 A 20190827; CN 110172809 B 20221209;
DE 102018202527 A1 20190822

DOCDB simple family (application)

EP 19155900 A 20190207; CN 201910119321 A 20190218; DE 102018202527 A 20180220