Title (en)

Method for monitoring a drying cycle particularly for a laundry drying machine

Title (de)

Verfahren zur Ueberwachung eines Trocknungszykluses insbesondere für einen Wäschetrockner

Title (fr)

Procédé de suivi d'un cyclede de séchage notamment pour machine à sécher le linge

Publication

**EP 1612319 A1 20060104 (FR)**

Application

**EP 05291390 A 20050628**

Priority

FR 0407081 A 20040628

Abstract (en)

The method involves heating a relative humidity sensor, and measuring a reference value (FM) for a dry air at the outlet of the sensor. The heating of the sensor is stopped and drying airflow is released. A reference variation is calculated by difference of reference values for dry and humid airs. An end of the drying cycle is determined when a ratio of current variation (delta ) on reference variation attains a preset threshold value. The current variation (delta ) is measured between the reference value (FM) and a current value measured at the outlet of the relative humidity sensor. Independent claims are also included for the following: (A) a relative humidity sensor (B) a machine to dry cloth.

IPC 8 full level

**D06F 58/38** (2020.01); D06F 34/26 (2020.01)

CPC (source: EP US)

**D06F 58/38** (2020.02 - EP US); D06F 34/26 (2020.02 - EP US); D06F 2101/00 (2020.02 - EP US); D06F 2101/16 (2020.02 - EP US); D06F 2103/10 (2020.02 - EP US); D06F 2103/34 (2020.02 - EP US); D06F 2105/28 (2020.02 - EP US)

Citation (applicant)

FR 2786556 A1 20000602 - ESSWEIN SA [FR]

Citation (search report)

- [X] US 4644665 A 19870224 - NAUNAPPER DIETMAR [DE], et al
- [DA] FR 2786556 A1 20000602 - ESSWEIN SA [FR]
- [A] EP 0926292 A1 19990630 - ESSWEIN SA [FR]

Cited by

CN110226004A; AU2016434982B2; US11686041B2; WO2018121850A1; WO2010060781A1; EP2069567A4; US9371609B2; US11920272B2

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1612319 A1 20060104**; FR 2872263 A1 20051230; FR 2872263 B1 20061110

DOCDB simple family (application)

**EP 05291390 A 20050628**; FR 0407081 A 20040628