

Title (en)

Household tumble dryer with an improved cycle termination

Title (de)

Haushaltswäschetrockner mit verbesserter Arbeitsgangbeendigung

Title (fr)

Sèche-linge domestique avec une fin de cycle améliorée

Publication

**EP 2034086 A1 20090311 (EN)**

Application

**EP 07115705 A 20070905**

Priority

EP 07115705 A 20070905

Abstract (en)

The present invention relates to an household tumble dryer, which comprises a rotatable drum, which defines an interior drying volume and air inlet and outlet portions, which operatively communicate with said interior drying volume. The household tumble dryer comprises sensor means and a control unit, which receives from said sensor means signals indicative of the air temperature values at said air inlet portion and/or said air outlet portion. Said control unit comprises processing means for executing at least a termination control procedure for managing the termination of said drying cycle. Said termination control procedure comprises an evaluation procedure for estimating the level of moisture of said wash load, basing on the information acquired from said sensor means. In a further aspect the present invention relates to a method for controlling the operating drying cycle of a household tumble dryer.

IPC 8 full level

**D06F 34/26** (2020.01); **D06F 58/28** (2006.01); **D06F 58/38** (2020.01)

CPC (source: EP US)

**D06F 34/26** (2020.02 - EP US); **D06F 58/38** (2020.02 - EP US); **D06F 2103/08** (2020.02 - EP US); **D06F 2103/32** (2020.02 - EP US); **D06F 2105/62** (2020.02 - EP US)

Citation (applicant)

US 4640022 A 19870203 - SUZUKI MASAMI [JP], et al

Citation (search report)

- [X] EP 1420104 A1 20040519 - CANDY SPA [IT]
- [X] US 4206552 A 19800610 - GOLDSTEIN SANDERS [US], et al

Cited by

EP2441880A1; EP3842587A1; US9341411B2; US10072375B2; EP2653602B1; US8443527B2; EP2653602A1

Designated contracting state (EPC)

DE FR GB IT

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 2034086 A1 20090311; EP 2034086 B1 20120711**

DOCDB simple family (application)

**EP 07115705 A 20070905**