

Title (en)

DRYER WITH A DEVICE FOR CONTROLLING A CLOSED STATE OF AN ACCESS DOOR THEREOF, AND METHOD FOR OPERATING SAME

Title (de)

TROCKNER MIT EINER VORRICHTUNG ZUR KONTROLLE EINES SCHLIESSZUSTANDES SEINER ZUGANGSTÜR, UND VERFAHREN ZU SEINEM BETRIEB

Title (fr)

SÈCHE-LINGE ÉQUIPÉ D'UN DISPOSITIF DE CONTRÔLE DE L'ÉTAT FERMÉ DE LA PORTE ET PROCÉDÉ DE FONCTIONNEMENT

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2014118131A1] The invention relates to a dryer 1 with a housing 24, a control device 8, a drum 3 for items of laundry to be dried, an access door 12 to the drum 3, a process air duct 2, in which a process air fan 6 for conveying the process air and a heating unit 4 for heating the process air are located, and a device 20, 21 for controlling a closed state of the access door 12, which device comprises a Hall sensor 21 and a magnet 20, of which a first part 20, 21 is mounted on the access door 12 and a second part 20, 21 is mounted on the housing 24. During rotation of the drum 3 containing items of laundry, the access door 12 is exposed to a varying pressure of the items of laundry, the device 20, 21 for controlling the closed state permits a continuous detection of signals of the Hall sensor 21 during the rotation of the drum 3, and the control device 8 is designed in order to identify the rotation of the drum 3 from the continuously detected signals. The invention also relates to a method for operating this dryer.

IPC 8 full level

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Citation (search report)

See references of WO 2014118131A1

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