

Title (en)
Laundry appliance with an electric motor

Title (de)
Wäschebehandlungsgerät mit einem Elektromotor

Title (fr)
appareil ménager avec un moteur électrique

Publication
EP 2281935 B1 20160420 (DE)

Application
EP 10171172 A 20100729

Priority
DE 102009028358 A 20090807

Abstract (en)
[origin: EP2281935A1] The appliance (1) has an electric motor (4) for driving a rotatably mounted drum (2) and/or a process air blower. A control and/or measurement unit (6) determines air flow capacity of the blower and the remaining drying time (λ) and/or the load (B) i.e. weight of clothes, in the drum based on a detected electrical parameter e.g. current, of the motor. The control and/or measurement unit controls the heating capacity for the drying operation based on the air flow capacity, the remaining drying time and the load in the drum.

IPC 8 full level
D06F 25/00 (2006.01); **D06F 58/28** (2006.01); **D06F 58/38** (2020.01); **D06F 34/08** (2020.01)

CPC (source: EP US)
D06F 58/38 (2020.02 - EP US); **D06F 25/00** (2013.01 - EP US); **D06F 34/08** (2020.02 - EP US); **D06F 2103/02** (2020.02 - EP US); **D06F 2103/04** (2020.02 - EP US); **D06F 2103/34** (2020.02 - EP US); **D06F 2103/36** (2020.02 - EP US); **D06F 2103/38** (2020.02 - EP US); **D06F 2103/44** (2020.02 - EP US); **D06F 2103/46** (2020.02 - EP US); **D06F 2103/54** (2020.02 - EP US); **D06F 2105/24** (2020.02 - EP US); **D06F 2105/28** (2020.02 - EP US); **D06F 2105/46** (2020.02 - EP US); **D06F 2105/48** (2020.02 - EP US)

Citation (examination)
• JP H04193298 A 19920713 - MATSUSHITA ELECTRIC IND CO LTD
• EP 2260138 A1 20101215 - DIEHL AKO STIFTUNG GMBH & CO [DE]

Cited by
DE102013210126A1; DE102012207740A1; EP3800769A1; EP2735643A1; EP2610388A1; EP2927367A1; EP2927363A1; EP2927364A1; US9534340B2; CN104919108A; EP2948584A4; WO2014082850A1; WO2012119842A1; WO2017071877A1; US9758921B2; WO2013167489A2; US11365509B2; US11807980B2; WO2014079800A1

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