

Title (en)
MEASURING UNIT OF HOUSEHOLD APPLIANCE

Title (de)
MESSEINHEIT FÜR HAUSHALTSGERÄT

Title (fr)
UNITÉ DE MESURE D'APPAREIL DOMESTIQUE

Publication
EP 4310236 A1 20240124 (EN)

Application
EP 22186052 A 20220720

Priority
EP 22186052 A 20220720

Abstract (en)
A measuring unit (11) of a household appliance (10) for collecting process parameters of the household appliance (10) comprises: a housing(12,13) an energy storage (18), a PCB electronics (19), and a measuring sensor (17). The measuring unit (11) is wirelessly connected with the household appliance (10) and the measuring sensor (17) is placed in a tunnel (15) which tunnel (15) extends into the housing (12, 13).The measuring unit is intended for use in a household appliance, especially washing machine or tumble dryer which is able to measure and collect the washing or drying parameters and are able to communicate wirelessly with the household appliance. Supervising the processes parameters helps to control the process and adjust the process parameters in order to achieve the best effectiveness of the household appliance.

IPC 8 full level
D06F 34/18 (2020.01); **D06F 34/22** (2020.01); **D06F 34/26** (2020.01); **D06F 39/02** (2006.01); **D06F 34/05** (2020.01)

CPC (source: EP)
D06F 34/18 (2020.02); **D06F 34/22** (2020.02); **D06F 34/26** (2020.02); **D06F 39/024** (2013.01); **D06F 34/05** (2020.02)

Citation (applicant)
• WO 2020089198 A1 20200507 - HENKEL AG & CO KGAA [DE]
• DE 4031981 A1 19920416 - TELEFUNKEN ELECTRONIC GMBH [DE]

Citation (search report)
• [XY] EP 3757270 A1 20201230 - SAMSUNG ELECTRONICS CO LTD [KR]
• [XY] KR 20220000580 A 20220104 - SAMSUNG ELECTRONICS CO LTD [KR]
• [Y] US 2020374604 A1 20201126 - PARK SUNGBUM [KR], et al
• [Y] WO 2019219363 A1 20191121 - ARCELIK AS [TR]

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

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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