

Title (en)
DOMESTIC APPLIANCE HAVING A CAMERA ARRANGED IN A DOOR

Title (de)
HAUSHALTSGERÄT MIT IN EINER TÜR ANGEORDNETER KAMERA

Title (fr)
APPAREIL MÉNAGER AVEC CAMÉRA DISPOSÉE DANS UNE PORTE

Publication
EP 3948119 B1 20230607 (DE)

Application
EP 20716420 A 20200330

Priority
• DE 102019204534 A 20190401
• EP 2020058923 W 20200330

Abstract (en)
[origin: WO2020201199A1] The invention relates to a domestic appliance (1) comprising: a treatment chamber (2) that can be closed by means of a pivotable door (5); at least one camera (7) arranged in the door (5) for recording images from the treatment chamber (2) when the door (5) is opened; and a door movement sensor for detecting values of at least one parameter of a door movement, wherein the door movement sensor has at least one inertial sensor (8); at least one camera (7) and the at least one inertial sensor (8) are integrated in a camera/sensor module (6) which is arranged in the door (5); the camera/sensor module (6) has a communication device (9), at least for outputting image data from the camera (7) of the camera/sensor module (6); and the domestic appliance (1) is configured to trigger at least one device function upon the detection of at least one trigger value. The invention can be applied particularly advantageously to cooling devices, particularly refrigerators.

IPC 8 full level
F25D 29/00 (2006.01)

CPC (source: EP US)
F25D 29/005 (2013.01 - EP US); **F25D 2700/02** (2013.01 - EP US)

Citation (examination)
• US 2016182868 A1 20160623 - IZAWA HIROKAZU [JP], et al
• US 2017372176 A1 20171228 - HIBINO KATSUHIKO [JP], et al

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

DOCDB simple family (publication)
DE 102019204534 A1 20201001; CN 113661369 A 20211116; CN 113661369 B 20231013; EP 3948119 A1 20220209;
EP 3948119 B1 20230607; PL 3948119 T3 20230904; US 11988444 B2 20240521; US 2022412645 A1 20221229; WO 2020201199 A1 20201008

DOCDB simple family (application)
DE 102019204534 A 20190401; CN 202080026717 A 20200330; EP 2020058923 W 20200330; EP 20716420 A 20200330;
PL 20716420 T 20200330; US 202017438492 A 20200330