

Title (en)  
INDICATION APPARATUS, AIR HYGIENE APPARATUS, AND HOUSEHOLD APPLIANCE

Title (de)  
ANZEIGEVORRICHTUNG, LUFTREINIGUNGSGERÄT UND HAUSHALTSGERÄT

Title (fr)  
APPAREIL D'INDICATION, APPAREIL D'HYGIÈNE DE L'AIR, ET APPAREIL ÉLECTROMÉNAGER

Publication  
**EP 4056912 A1 20220914 (EN)**

Application  
**EP 22158035 A 20220222**

Priority  
CN 202120495414 U 20210308

Abstract (en)  
The disclosure relates to an indication apparatus, an air hygiene apparatus, and a household appliance. The indication apparatus includes a panel (2) and an optical assembly (3) located at an inner side of the panel, the panel having a first light outlet portion (21) and a second light outlet portion (22). The optical assembly (3) includes a circuit substrate (4), at least one first light emitting element (5) and at least one second light emitting element (6) integrated on the circuit substrate (4), and a light guide sheet (7). The first light emitting element (5) correspond to the first light outlet portion (21). The light guide sheet (7) is configured to receive light of the second light emitting element (6) and to guide the light to the second light outlet portion (22). The light guide sheet (7) is carried on a carrying frame (8), the carrying frame (8) being fixed on the circuit substrate (4).

IPC 8 full level  
**F24F 3/16** (2021.01); **A47L 15/42** (2006.01); **D06F 34/32** (2020.01); **F24F 11/52** (2018.01)

CPC (source: EP)  
**A47L 15/4293** (2013.01); **D06F 34/28** (2020.02); **F24F 11/52** (2018.01); **F25D 2317/041** (2013.01); **F25D 2400/36** (2013.01)

Citation (applicant)  
CN 110878998 A 20200313 - BSH ELECTRICAL APPLIANCES JIANGSU CO LTD, et al

Citation (search report)  
• [X] US 2020041081 A1 20200206 - HSIAO YIN-TENG [TW]  
• [X] CN 101908426 A 20101208 - QINGDAO HISENSE ELECTRIC CO  
• [I] JP 2017044920 A 20170302 - FUJITSU GENERAL LTD  
• [A] JP 2016050687 A 20160411 - HITACHI APPLIANCES INC

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

DOCDB simple family (publication)  
**EP 4056912 A1 20220914**; **EP 4056912 B1 20241023**; CN 215815010 U 20220211; CN 215815010 U9 20220311

DOCDB simple family (application)  
**EP 22158035 A 20220222**; CN 202120495414 U 20210308