

Title (en)
DEVICE WITH A SELF-DISINFECTING SURFACE

Title (de)
VORRICHTUNG MIT SELBSTDESINFIZIERENDER OBERFLÄCHE

Title (fr)
DISPOSITIF DOTÉ D'UNE SURFACE AUTO-DÉSINFECTANTE

Publication
EP 3801646 A4 20220309 (EN)

Application
EP 19815897 A 20190607

Priority
• US 201862682342 P 20180608
• US 2019036058 W 20190607

Abstract (en)
[origin: WO2019237001A1] Provided herein is a self-contained, self-disinfecting device which automatically disinfects a surface of the device using internally-generated UV (Ultraviolet) light. The device may be a door handle, push plate, light switch, shopping cart, or the like.

IPC 8 full level
A61L 2/10 (2006.01); **A61L 2/00** (2006.01); **A61L 2/24** (2006.01)

CPC (source: EP IL KR)
A61L 2/0047 (2013.01 - EP); **A61L 2/10** (2013.01 - EP IL KR); **A61L 2/24** (2013.01 - EP IL KR); **E05B 1/0069** (2013.01 - EP IL KR);
A61L 2202/11 (2013.01 - EP IL KR)

Citation (search report)
• [XY] JP 2010209513 A 20100924 - UNIV YAMAGUCHI, et al
• [Y] US 2015273093 A1 20151001 - HOLUB PATRICK KEVIN [US], et al
• See references of WO 2019237001A1

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)
WO 2019237001 A1 20191212; AU 2019281007 A1 20201224; BR 112020023865 A2 20210413; CA 3100907 A1 20191212;
CN 112334159 A 20210205; EP 3801646 A1 20210414; EP 3801646 A4 20220309; IL 278897 A 20210131; JP 2021526905 A 20211011;
KR 20210031684 A 20210322; PH 12020551993 A1 20210906; SG 11202011438Q A 20201230

DOCDB simple family (application)
US 2019036058 W 20190607; AU 2019281007 A 20190607; BR 112020023865 A 20190607; CA 3100907 A 20190607;
CN 201980038490 A 20190607; EP 19815897 A 20190607; IL 27889720 A 20201122; JP 2020568382 A 20190607;
KR 20217000399 A 20190607; PH 12020551993 A 20201120; SG 11202011438Q A 20190607