

Title (en)
HAND SANITISER MONITOR

Title (de)
HANDDESINFIZIERUNGSMONITOR

Title (fr)
DISPOSITIF DE SURVEILLANCE DE DÉSINFECTANT POUR LES MAINS

Publication
EP 4132334 A1 20230215 (EN)

Application
EP 21719214 A 20210407

Priority

- GB 202005219 A 20200408
- GB 202005708 A 20200420
- GB 202019882 A 20201216
- GB 2021050853 W 20210407

Abstract (en)
[origin: GB2593984A] A hand sanitiser monitor 1 in association with a hand sanitiser dispenser 3, the monitor 1 having a first sensor 10 giving a visual, aural or other output on detection of a person. The output may be illuminating or flashing LEDs 14 or a sound emitted by a speaker 13. The monitor 1 may sense dispensing of sanitiser and provides an alert when the need to replenish or replace the sanitiser 3 is identified. This can be done by detecting the number of uses, length of time of use of hand sanitiser, or by weighing the sanitiser dispenser by a pressure pad 11. Preferably the associated hand sanitiser dispenser is a hoop or U-shape (fig. 4A and 4B) with one or more inwardly directed apertures (28, fig. 4A and 4B) to direct the sanitiser to a person's hand(s) placed within the hoop or U-shape. There may be a further sensor 4 initiating spraying of sanitiser.

IPC 8 full level
A47K 5/12 (2006.01); **A61L 2/22** (2006.01); **A61L 2/24** (2006.01); **A61M 11/00** (2006.01); **A61M 35/00** (2006.01); **B05B 1/20** (2006.01); **B05B 9/043** (2006.01); **B05B 9/08** (2006.01); **B05B 11/00** (2006.01); **B05B 12/00** (2006.01); **B05B 12/08** (2006.01); **G01F 23/20** (2006.01); **G01F 23/22** (2006.01); **G01G 17/04** (2006.01)

CPC (source: EP GB)
A47K 5/1217 (2013.01 - EP); **A61L 2/18** (2013.01 - GB); **A61L 2/24** (2013.01 - GB); **A61L 2/26** (2013.01 - GB); **B05B 1/205** (2013.01 - EP); **B05B 1/207** (2013.01 - EP); **B05B 12/004** (2013.01 - EP); **B05B 12/122** (2013.01 - EP); **B05B 9/0423** (2013.01 - EP); **G01F 23/0007** (2013.01 - EP); **G01F 23/20** (2013.01 - EP); **G08B 21/245** (2013.01 - EP)

Citation (search report)
See references of WO 2021205165A1

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)
GB 202104904 D0 20210519; **GB 2593984 A 20211013**; EP 4132334 A1 20230215; GB 202104905 D0 20210519; GB 2593985 A 20211013; WO 2021205165 A1 20211014

DOCDB simple family (application)
GB 202104904 A 20210407; EP 21719214 A 20210407; GB 202104905 A 20210407; GB 2021050853 W 20210407