

Title (en)
ILLUMINATED GEMSTONE ASSEMBLY

Title (de)
BELEUCHTETE EDELSTEINANORDNUNG

Title (fr)
ENSEMBLE PIERRE PRÉCIEUSE LUMINEUX

Publication
EP 4195974 A1 20230621 (EN)

Application
EP 21759067 A 20210810

Priority
• GB 202012621 A 20200813
• EP 2021072294 W 20210810

Abstract (en)
[origin: GB2597977A] An assembly comprising a gemstone holder 130, a battery housing 320' and an LED, the gemstone holder comprising a bezel portion providing a mount for receiving a gemstone and a shaft portion 220 comprising an elongate shaft having first and second electrically conducting portions; the battery housing comprising a battery power source and a plurality of apertures, the first aperture enabling engagement of an end portion of the shaft with a first connector within the housing, and the second aperture enabling engagement of an end portion of the shaft with a second connector within the housing; where engagement of the shaft with the first connector completes an electrical circuit between the battery power source and the LED, whereas engagement of the end portion of the shaft with the second connector does not complete the electrical circuit. The assembly is preferably a stud for an ear piercing.

IPC 8 full level
A44C 15/00 (2006.01); **A44C 7/00** (2006.01); **A44C 17/02** (2006.01)

CPC (source: EP GB US)
A44C 7/00 (2013.01 - GB); **A44C 7/003** (2013.01 - EP); **A44C 15/0015** (2013.01 - EP US); **A44C 15/0035** (2013.01 - US);
A44C 17/02 (2013.01 - GB); **A44C 17/0233** (2013.01 - EP US); **A44C 15/0035** (2013.01 - EP)

Citation (search report)
See references of WO 2022034096A1

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 202012621 D0 20200930; **GB 2597977 A 20220216**; CN 116322422 A 20230623; EP 4195974 A1 20230621; JP 2023537535 A 20230901;
US 2023309665 A1 20231005; WO 2022034096 A1 20220217

DOCDB simple family (application)
GB 202012621 A 20200813; CN 202180064883 A 20210810; EP 2021072294 W 20210810; EP 21759067 A 20210810;
JP 2023510440 A 20210810; US 202118021145 A 20210810