

Title (en)
SENSOR BASE AND SENSING DEVICE

Title (de)
SENSORSOCKEL UND ERFASSUNGSVORRICHTUNG

Title (fr)
BASE DE CAPTEUR ET DISPOSITIF DE DÉTECTION

Publication
EP 4191553 A4 20230823 (EN)

Application
EP 20947072 A 20200731

Priority
JP 2020029413 W 20200731

Abstract (en)
[origin: EP4191553A1] A detector base comprising a bottom plate that forms a circular shape, an outer peripheral wall that is provided surrounding the bottom plate, and a plurality of connection terminals that are arranged on the bottom plate at prescribed intervals in the circumferential direction, the detector base being configured so as to enable attachment of a detector provided with a plurality of external terminals that are capable of contacting each of the plurality of connection terminals, wherein: the detector base comprises, between any two connection terminals among the plurality of connection terminals, short-circuit members that have contact parts capable of contacting the respective contact terminals at both ends and that are arranged so as to be capable of moving in a reciprocating manner; two protruding parts having different heights are provided to the short-circuit members; and the short-circuit members are configured such that the contact parts at both ends are contacted by two corresponding contact terminals when the short circuit members are moved to one side of a movement range thereof, and such that at least one of the contact parts at the two ends is separated from the connection terminals when the short-circuit members are moved to the other side of the movement range.

IPC 8 full level
G08B 17/00 (2006.01); **H01R 33/74** (2006.01); **H01R 33/96** (2006.01); **H01R 9/24** (2006.01); **H01R 13/71** (2006.01)

CPC (source: EP)
G08B 17/113 (2013.01); **H01R 33/74** (2013.01); **H01R 33/96** (2013.01); **H01R 9/24** (2013.01); **H01R 13/71** (2013.01)

Citation (search report)

- [A] GB 2396752 A 20040630 - APOLLO FIRE DETECTORS LTD [GB]
- [A] US 5403198 A 19950404 - KOGANEMARU KAZUYUKI [JP], et al & JP H05303692 A 19931116 - NOHMI BOSAI LTD
- See also references of WO 2022024338A1

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)
EP 4191553 A1 20230607; **EP 4191553 A4 20230823**; JP 7436676 B2 20240222; JP WO2022024338 A1 20220203;
WO 2022024338 A1 20220203

DOCDB simple family (application)
EP 20947072 A 20200731; JP 2020029413 W 20200731; JP 2022539935 A 20200731