

Title (en)

ACCESSORY FOR INSTALLING A LIGHTING APPRATUS ON A LIGHTING BAR, LIGHTING SYSTEM, INSTALLING METHOD

Title (de)

ZUBEHÖR ZUR INSTALLATION EINER BELEUCHTVORRICHTUNG AUF EINER BELEUCHTUNGSSTANGE, BELEUCHTUNGSSYSTEM, INSTALLATIONSVERFAHREN

Title (fr)

ACCESSOIRE POUR INSTALLER UN APPAREIL D'ÉCLAIRAGE SUR UNE BARRE D'ÉCLAIRAGE, SYSTÈME D'ÉCLAIRAGE, PROCÉDÉ D'INSTALLATION

Publication

EP 4346025 A1 20240403 (EN)

Application

EP 23200129 A 20230927

Priority

IT 202200019983 A 20220928

Abstract (en)

An accessory (200) for installing a lighting apparatus (100; 100') on a lighting bar (10) comprises an accessory body (200') extending vertically along a vertical direction (Y) and a first pair of needle seats (201) adapted to accommodate the first pair of needles (104a) of the lighting apparatus (100; 100'). Moreover, a second pair of needle seats (201') is suitable for accommodating the second pair of needles (104b) of the lighting apparatus (100; 100'). The first pair of needle seats (201) is arranged and extends in length mainly along a first vertical plane (P1) parallel to the vertical direction (Y). The second pair of needle seats (201') is arranged and extends in length mainly along a second vertical plane (P2) parallel to the first vertical plane (P1) and spaced apart from said first vertical plane (P1) along a transverse direction (Z) perpendicular to the vertical direction (Y). A third pair of needle seats (203) is suitable for accommodating the first pair of needles (104a) and a fourth pair of needle seats (203') is suitable for accommodating the second pair of needles (104b). The third pair of needle seats (203) is arranged and extends in length mainly along a third vertical plane (P3) incident to the vertical direction (Y) and the fourth pair of needle seats (203') is arranged and extends in length mainly along a fourth vertical plane (P4) incident to the third vertical plane (P3). The third vertical plane (P3) and the fourth vertical plane (P4) each form an angle of incidence (α_1 , α_2) with a plane parallel to the vertical direction Y so that the third pair of needle seats (203) and the fourth pair of needle seats (203') are inclined by such an angle of incidence (α_1 , α_2) towards the side wall (230).

IPC 8 full level

H01R 43/00 (2006.01); **F21V 21/002** (2006.01); **F21V 21/35** (2006.01); **H01R 4/2406** (2018.01); **H01R 25/16** (2006.01)

CPC (source: EP)

F21V 21/002 (2013.01); **F21V 21/35** (2013.01); **H01R 4/2406** (2018.01); **H01R 43/002** (2013.01); **H01R 25/161** (2013.01)

Citation (applicant)

- EP 3882513 A1 20210922 - SIMES [IT]
- IT 202100004706 A1 20220901 - SIMES [IT]
- IT 202100023348 A1 20230309 - SIMES [IT]

Citation (search report)

- [XAYI] US 4398628 A 19830816 - CHISHOLM WILLIAM M [US]
- [YD] EP 3882513 A1 20210922 - SIMES [IT]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4346025 A1 20240403; EP 4346026 A2 20240403; EP 4346026 A3 20240925; IT 202200019983 A1 20240328

DOCDB simple family (application)

EP 23200129 A 20230927; EP 23200131 A 20230927; IT 202200019983 A 20220928