

Title (en)

DEVICE FOR THE REMOVABLE ATTACHMENT OF THE U-PROFILE OF A LIGHTING FIXTURE

Publication

**EP 0150271 B1 19890104 (DE)**

Application

**EP 84112468 A 19841016**

Priority

DE 8402064 U 19840125

Abstract (en)

[origin: EP0150271A2] 1. Device for the removable attachment of the U-profile of a lighting fixture (1) on an essentially U-shaped supporting rail (2), the side arms (21, 22) of which have at the end a rim which is turned inwards and has rim edges (210, 220) pointing inwards, having a support pin (3) which is fastened to the supporting rail (2) by means of a transverse arm (40) extending transversely to the longitudinal axis (L) of the supporting rail (2), and which is rotatably mounted in the transverse arm (40) at one end, and which has at the other end a narrow hammer head (31) which projects through a locking slot (11) in a wall of the lighting fixture profile (1) and presses the latter against a counter-support (4011; 4011.1), characterized in that the transverse arm (40; 40.1) is a part of a support (4; 4.1) which is insertable at any point into the supporting rail (2) and which has at each end a supporting arm (41, 42; 41.1, 42.1) extending parallel to the longitudinal axis (L) and one of the counter-supports (4011; 4011.1), in that each supporting arm (41, 42; 41.1, 42.1) has a supporting piece (411, 412, 421, 422; 411.1, 412.1, 421.1, 422.1) which projects from the plane of this supporting arm in the direction of the adjacent side arm (21, 22) of the supporting rail (2), and which has a supporting shoulder (4002, 4002.1), and which has a butting face (4001; 4001.1) which forms a wedge angle ( $\alpha$ ;  $\alpha'$ ) with the plane of the supporting arm, and in that each supporting arm (41, 42; 41.1, 42.1) has at its end a stop (4003; 4003.1) and is supported with said stop on the one hand and with the supporting shoulder (4002; 4002.1) on the other hand so as to be immovable on the supporting rail.

IPC 1-7

**F21V 17/00**; **F21V 21/02**

IPC 8 full level

**F21V 17/00** (2006.01); **F21V 17/10** (2006.01); **F21V 17/18** (2006.01); **F21V 21/02** (2006.01)

CPC (source: EP)

**F21V 17/101** (2013.01); **F21V 17/18** (2013.01); **F21V 21/025** (2013.01)

Cited by

EP1033531A1; EP0658720A1; EP0621444A1; EP0989359A3; EP0621439A1; DE4334413A1; DE202014106106U1; AT15342U1; US10309628B2; WO2016096809A1

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AT CH DE LI

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