

Title (en)

Base for light fittings with an elastic element for fixing the lamp socket and the diffuser

Title (de)

Basisteil für Leuchten mit einem elastischen Stück zur Befestigung der Lampenfassung und des Diffusers

Title (fr)

Pièce support pour dispositifs d'éclairage avec un élément élastique pour fixer la douille de lampe et le diffuseur

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Application

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Abstract (en)

The invention is a new base (P) for light fittings comprising a coupling (C) and a lamp socket (S), having a generically ring-shaped elastic element (E) that rests up against said coupling (C) and retains the lamp socket (S) and a diffuser (D). The elastic element (E) is composed of a strip of flexible metal folded into a polygonal shape and having one end (E1) folded towards the inside of its polygonal shape; one of the two edges of the strip forming the elastic element (E) is segmented into several parts (E2) and each part (E2) is bent towards the inside of the ring formed by the elastic element (E). The coupling (C) has a ring-shaped groove (Cs) on the outside, in which there is an opening (Ca) communicating with the inside of the cylindrical coupling (C). The elastic element (E) is inserted in the groove (Cs) of the coupling (C), on the inside of the diffuser (D), so that its folded end (E1) fits into the opening (Ca) in the coupling (C) and thereby retains the lamp socket (S), and so that each part (E2) of its segmented edge comes up against the rim (Cb) of the groove near to the end (Cl) where the lamp socket (S) is inserted.

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