

Title (en)  
HEADLAMP BULB

Title (de)  
SCHEINWERFERLAMPE

Title (fr)  
LAMPE DE PROJECTEUR

Publication  
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Application  
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Abstract (en)  
[origin: WO03032365A2] The invention relates to a headlamp bulb comprising at least one receptacle (1) containing at least one lighting means (2, 3), and a bulb socket (9) which is provided with the electrical connections of the headlamp bulb. The bulb socket (9) comprises an annular metallic holder (8, 10) in which the at least one bulb receptacle (1) is fixed, at least three reference lugs (11a, 11b, 11c) which are arranged in a common plane, and an annular socket flange (12). The socket flange plane is arranged parallel to the plane of the reference lugs (11a-11c) and the socket flange (12) is provided with at least three tongues (12a, 12b, 12c) which are arranged along its circumference, are embodied in an elastic manner, and, together with the reference lugs (11a, 11b, 11c), are used to fix the bulb in a headlamp. According to the invention, the reference lugs (11a, 11b, 11c) are formed on a reference ring (11) which is connected to the annular metallic holder (8, 10) and to the socket flange (12), and which comprises a plane annular surface (11d) which is arranged parallel to the socket flange plane. The outer diameter of the annular surface (11d) is larger than or equal to the inner diameter of the socket flange (12), and larger than or equal to the outer diameter of the annular metallic holder (8, 10). The inner diameter of the annular surface (11d) is smaller than the inner diameter of the socket flange (12), and smaller than the outer diameter of the annular metallic holder (8, 10).

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**H01J 5/56**

IPC 8 full level  
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