

Title (en)
LAMP SOCKET FOR VEHICLE LIGHTS AND HEADLAMPS

Publication
EP 0088225 B1 19860326 (DE)

Application
EP 83100858 A 19830129

Priority
DE 3207956 A 19820305

Abstract (en)
[origin: EP0088225A1] 1. Socket for holding so-called H2 incandescent lamps (1), which comprises at their end nearest the socket two contact flanges (5, 6) which are situated diametrically opposite each other and are situated in a single plane and in which apertures (7, 8) are formed for fixing in the socket, the socket body comprising substantially a heat-resistant base plate which is insertable in the reflector of a vehicle headlamp or a vehicle light and on which there are secured two pairs of conductive metal arms, each of these pairs forming at one end a flat plug terminal (11) and clamping the contact flanges (5, 6) of the incandescent lamp (1) in such a manner between themselves at the other end, by means of contact arms (12, 13) which are constructed there and which are bent-over at approximately right angles from the remaining portion of the metal arm pair and are situated approximately parallel to one another, that on the one hand they are fixed in their position and on the other hand the line of electrical supply to them is established, whereas a section (14, 15) situated between the two said ends in each case serves to secure the pairs of metal arms to the base plate (2), characterised by the following features : a) each pair of metal arms (12, 13) and the associated flat plug terminal (11) are cut out and bent in one piece from a spring strip, b) the spring strip is doubled by folding, the end comprising the fold forming the flat plug (11), c) the two contact arms (12, 13) are of narrower construction than the adjoining section (14, 15) serving for securing purposes, d) the sections (14, 15) of the two pairs of metal arms which serve for securing purposes are introduced like slides into lateral grooves (16, 17) of the socket base plate (2) in such a manner that the edge regions of the sections (14, 15) doubled by folding and used for securing are held together by the lateral grooves (16, 17), e) the metal arm abutting on the socket base plate (2) comprises an elastic nose (18) which engages with a catch action in an aperture (19) of the socket base plate (2).

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H01R 33/06

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