

Title (en)

High safety connector and high tension lamp assembly, particularly for car lighting.

Title (de)

Sichereitszusammenbau eines Verbinders und einer Hochspannungslampe, besonders für Wagenbeleuchtung.

Title (fr)

Ensemble de connecteur et de lampe à haute tension à haute sécurité, notamment pour éclairage automobile.

Publication

EP 0395514 A1 19901031 (FR)

Application

EP 90401131 A 19900425

Priority

FR 8905540 A 19890426

Abstract (en)

The lamp (100) and the connector (200) comprise at least two connection elements (130a, 130b; 220a, 220b) which are electrically conductive and complementary for supplying the lamp. The assembly is characterised in that there is provided, in a not immediately accessible region (216) of the connector, a conductive component (270) which, in the absence of external stress, establishes a mutual electrical contact between the said connection elements of the connector, and in that the lamp carries at least one actuating element (140a, 140b) which, when the said lamp is correctly installed in the connector, stresses the said conductive component in such a way as to interrupt the electrical contact between the said connection elements of the connector. Application to the improvement of safety during handling of headlight arc lamps. <IMAGE>

IPC 1-7

H01R 13/703; H01R 33/96

IPC 8 full level

H01R 33/05 (2006.01); **H01R 33/96** (2006.01)

CPC (source: EP)

H01R 33/96 (2013.01)

Citation (search report)

- [A] GB 2025711 A 19800123 - DAIMLER BENZ AG
- [A] CH 534435 A 19730228 - SIEMENS AG [DE]

Cited by

US5484298A; GB2245775B; JP2021535577A; US11457519B2; WO2020109055A1

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

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DOCDB simple family (application)

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