

Title (en)  
EXPLOSION-PROOF HOLDER AND LAMP FOR A TWO-PIN SOCKET FLUORESCENT LAMP

Publication  
**EP 0250712 B1 19921209 (DE)**

Application  
**EP 87102876 A 19870228**

Priority  
DE 3621960 A 19860701

Abstract (en)  
[origin: US4828508A] An explosion protected socket of the ignition protected type for double pin base fluorescent bulbs including a protected clamping device for securing the socket pins against coming loose and associated electrical connecting structure configured so that a receiving element provided with insertion openings for the socket pins is mounted to be movable within limits in the socket housing. The clamping device is coupled to an actuating device which becomes active jointly for both socket pins. A locking device which is positively coupled to the clamping device is disposed at the receiving element and is equipped with at least one locking element which is movable between an active position and an inactive position to hold the socket pins at a predetermined safety distance from voltage carrying parts of the electrical connecting structure. The locking element is automatically controlled by a sensing device in the locking device so that the locking element, which is moved to its inactive position if the clamping device is released, is held in its active position if the clamping device is not released and socket pins are absent or in an improper position.

IPC 1-7  
**F21V 25/12; H01R 33/965**

IPC 8 full level  
**F21V 25/12** (2006.01); **H01R 33/08** (2006.01); **H01R 33/965** (2006.01)

CPC (source: EP US)  
**H01R 33/9658** (2013.01 - EP US); **H01R 33/08** (2013.01 - EP US)

Cited by  
EP0438630A1; CN104347968A; CN104180211A

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 0250712 A2 19880107; EP 0250712 A3 19900103; EP 0250712 B1 19921209**; AT E83341 T1 19921215; DE 3621960 A1 19880114; DE 3782977 D1 19930121; JP S6310484 A 19880118; US 4828508 A 19890509

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