

Title (en)  
EXPLOSION-PROOF OR FIREDAMP-PROOF LIGHT FITTING WITH A PRESSURE-RESISTANT COMPARTMENT FOR THE ARMATURE AND FOR THE LAMP

Publication  
**EP 0263453 B1 19930127 (DE)**

Application  
**EP 87114454 A 19871003**

Priority  
DE 3634555 A 19861010

Abstract (en)  
[origin: EP0263453A2] A light fitting with a pressure-resistant light fitting housing (11) and a pressure-resistant lamp housing (12) has a chamber (33) with increased safety which separate the two pressure-resistant chambers from one another. Consequently, such a light fitting (10) can be produced entirely from plastic, if it is taken into account that the free residual volume (22) in the interior of the light fitting housing is dimensioned smaller than 3000 cm<sup>3</sup> and the surface (28) of the lamp housing (12) is dimensioned to be smaller than 8000 cm<sup>2</sup>. If required, high-volume filling pieces (21, 26, 27) can be inserted into the interior of the pressure-resistant chambers of the light fitting housing (11) and lamp housing (12) in order to reduce the free residual volume (22. 8). <IMAGE>

IPC 1-7  
**F21V 25/12**

IPC 8 full level  
**F21V 25/12** (2006.01)

CPC (source: EP)  
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