

Title (en)  
FUSE INSERT WITH OPTOELECTRICAL INDICATOR

Publication  
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Application  
**EP 86900088 A 19851114**

Priority  
• DE 3441588 A 19841114  
• DE 3513833 A 19850417

Abstract (en)  
[origin: WO8603054A1] A fuse insert comprises an insulating element (1) wherein a fuse element embedded in an arc-extinguishing medium extends between two contacts, and an optoelectrical indicator (13) connected in parallel by a network to the fuse element. In order to enhance the cut-off capacity of the fuse insert, a network comprised of an electrically conducting layer (20) and having a high ohmic value with one or a plurality of taps is provided to be connected as a voltage and/or current distributor network. The electrically conducting layer (20) may be selectively formed by spraying, coating, pressing, injection, casting, glueing, lamination, galvanizing or by combinations of those deposition methods, and enables to optimize the volume of the cut-off cavity and to obtain particularly an extension of the fuse element or an enlargement of the arc-extinguishing medium so that the internal volume of the fuse insert may be optimally used.

IPC 1-7  
**H01H 85/32**

IPC 8 full level  
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