

Title (en)  
LOW-VOLTAGE HIGH-POWER FUSE WITH BLOWN-FUSE INDICATOR

Publication  
**EP 0201714 B1 19900613 (DE)**

Application  
**EP 86104722 A 19860407**

Priority  
DE 3517038 A 19850511

Abstract (en)  
[origin: EP0201714A2] 1. L.v.h.b.c. fuse-link (1) comprising a sleeve-like insulating body (2), two cover plates (3) made of insulating material, which each seal the said insulating body at the end face and locate the supporting plates (4) of the contact blade (5), two grip lugs (8) each held de-energized between cover plates (3) and insulating body (2), and an indicator for displaying the trip state of the fuse-link (1), consisting of an indicator wire (11) connected electrically parallel to the fuse element (9), and an indicator plate (10) like a spring, which is connected electrically and mechanically with one of its ends, which is mounted endways on one of the cover plates (3), which in the normal state of the fuse-link (1) is held by the indicator wire (11) by tensioning against its spring force approximately parallel in contact with the cover plate (3), whose mounting end (14) is held insulated in the cover plate (3), whose free end (12) stands away from the cover plate (3) in the trip state of the fuse-link (1) after the latter's fuse element (9) and indicator wire (11) have melted, characterized in that at its end near the indicator plate, the indicator wire (11) is electrically connected exclusively to the indicator plate (10), and in that for the purpose of electrical connection of the indicator wire (11), in the normal state of the fuse-link the free end (12) of the indicator plate (10) bears against a live part (contact blade 5, supporting plate 4).

IPC 1-7  
**H01H 85/30**

IPC 8 full level  
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CPC (source: EP)  
**H01H 85/303** (2013.01)

Cited by  
CZ300923B6; CZ299300B6; US2013002393A1; WO2011114176A1; WO9807172A1

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