

Title (en)  
Bushing insulator

Title (de)  
Isolatorbuchse

Title (fr)  
Manchon isolant

Publication  
**EP 0886287 A3 19990922 (EN)**

Application  
**EP 98660046 A 19980518**

Priority  
FI 972131 A 19970519

Abstract (en)  
[origin: EP0886287A2] A bushing insulator or other corresponding component, comprising an end-to-end primary current conductor (1) and a frame (2) cast of cast resin (3) around the primary current conductor. In accordance with the invention, the primary current conductor (1) comprises a fuse (4) which is at least partly left within the cast resin (3) when casting the frame (2). The part of the fuse (4) remaining within the cast resin (3) is encapsulated in a layer (6) of rubber or other corresponding material which in turn is encapsulated in a semiconducting layer (5). <IMAGE>

IPC 1-7  
**H01F 27/40**; **H01F 27/29**

IPC 8 full level  
**H01B 17/00** (2006.01); **H01F 27/04** (2006.01); **H01F 27/40** (2006.01)

CPC (source: EP)  
**H01B 17/005** (2013.01); **H01F 27/04** (2013.01); **H01F 27/402** (2013.01); **H01H 2085/0225** (2013.01)

Citation (search report)  
• [A] US 3666992 A 19720530 - GOODMAN ERNEST A  
• [A] US 3678432 A 19720718 - BOLIVER VINCENT J

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 0886287 A2 19981223**; **EP 0886287 A3 19990922**; **EP 0886287 B1 20031112**; DE 69819605 D1 20031218; DE 69819605 T2 20040923; FI 116328 B 20051031; FI 972131 A0 19970519; FI 972131 A 19981120

DOCDB simple family (application)  
**EP 98660046 A 19980518**; DE 69819605 T 19980518; FI 972131 A 19970519