

Title (en)  
Wound electrical components.

Title (de)  
Gewickelte elektrische Komponenten.

Title (fr)  
Composants électriques enroulés.

Publication  
**EP 0041288 A1 19811209 (EN)**

Application  
**EP 81200536 A 19810520**

Priority  
GB 8017790 A 19800530

Abstract (en)  
A wound electrical component such as a transformer or a choke comprises a bobbin 10 on which the winding 16 or windings is/are wound. The outer surface of winding 16 is protected by insulated shielding members 20, 21, 22 and 23, the members 20 and 21 being retained in position by the side limbs of a magnetic core 13, 14 of 'E' and 'I' laminations. In order to protect the winding 16 or windings on the bobbin 10 or other components connected thereto a thermal fuse 27 is provided which is held in position against the outer face of winding 16 by shielding member 22. The member 22 is 'U' shaped and the side limbs have teeth or barbs 22A, 22B which engage in grooves 20C, 21C provided on the inner faces of the shielding members 20, 21 respectively. The other shielding member 23 is similarly held in position in members 20, 21. Such a component does away with the need for a bobbin to have a pocket to house the thermal fuse with its attendant disadvantages whilst the same bobbin 10 and associated components can be used for wound components when a thermal fuse is not required.

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**H01F 27/40**; **H01F 5/02**

IPC 8 full level  
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CPC (source: EP)  
**H01F 5/02** (2013.01); **H01F 27/402** (2013.01); **H01F 2027/406** (2013.01)

Citation (search report)  
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