

Title (en)  
Electronic overload relay

Title (de)  
Elektronisches Überlastrelais

Title (fr)  
Relais électronique de surcharge

Publication  
**EP 1089309 A3 20030528 (DE)**

Application  
**EP 00121152 A 20000929**

Priority  
DE 29917174 U 19990930

Abstract (en)  
[origin: EP1089309A2] The overload relay has a primary winding or conductor and a secondary winding or core and a rectangular core for each phase. One limb of the core engages a core body which carries the primary and secondary windings. A first chamber part for the secondary winding is formed on the coil body between two walls. A second area is formed between two other walls for the primary winding. The chamber parts form respective transformers such that connector tongues (87,88,89) are provided. These tongues have parallel flags extending in the same direction. One of these flags is for mechanically fixing in a recess to the coil body. The other is electrically connected in the second chamber to the primary winding.

IPC 1-7  
**H01H 71/12**

IPC 8 full level  
**H01F 38/30** (2006.01); **H01H 71/08** (2006.01); **H01H 71/12** (2006.01)

CPC (source: EP)  
**H01F 38/30** (2013.01); **H01H 71/08** (2013.01); **H01H 71/125** (2013.01)

Citation (search report)

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