

Title (en)  
A current limiter

Title (de)  
Ein Strombegrenzer

Title (fr)  
Un limiteur de courant

Publication  
**EP 1895562 A1 20080305 (EN)**

Application  
**EP 06018302 A 20060901**

Priority  
EP 06018302 A 20060901

Abstract (en)  
A current limiter (10) comprises an electromagnetic drive unit (30) adapted to limit the current carried by a current circuit by displacing at least one movable contact piece (13, 15) from a responsive stationary contact piece (12, 16) in response to at least one current phase carrying an excessive current. The current limiter (10) further comprises a bimetallic block (18, 19) adapted to undergo such a thermal expansion in response to at least one current phase carrying an excessive current that the bimetallic block (18, 19) after the expansion is adapted to prevent said at least one movable contact piece (13, 15) from returning to contact with the responsive stationary contact piece (12, 16).

IPC 8 full level  
**H01H 81/04** (2006.01); **H01H 71/16** (2006.01); **H01H 71/40** (2006.01); **H01H 71/50** (2006.01)

CPC (source: EP)  
**H01H 81/04** (2013.01); **H01H 71/16** (2013.01); **H01H 71/40** (2013.01); **H01H 71/501** (2013.01)

Citation (search report)

- [X] DE 471947 C 19290218 - HUGO KRIEGER FA
- [X] US 2262344 A 19411111 - SHAW BURTON E
- [A] EP 0974997 A2 20000126 - EATON CORP [US]
- [A] US 2006066426 A1 20060330 - BENARD DAVID J [US], et al

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1895562 A1 20080305**; CN 101136293 A 20080305

DOCDB simple family (application)  
**EP 06018302 A 20060901**; CN 200710140922 A 20070810