

Title (en)  
Method for switching a load

Title (de)  
Verfahren zum Schalten einer Last

Title (fr)  
Procédé pour commuter une charge

Publication  
**EP 1109177 A3 20020417 (DE)**

Application  
**EP 00127552 A 20001215**

Priority  
• DE 19961029 A 19991216  
• DE 10013928 A 20000321

Abstract (en)  
[origin: EP1109177A2] The method involves switching a switching voltage suddenly to a first predetermined voltage corresponding to the rated load voltage, detecting the load current in a first time interval, holding the voltage constant until a switch-off time if the load current falls or remains the same during the time interval, and performing sudden or timed reduction of the switching voltage to a maximum value if the load current increases during the time interval. Independent claims are also included for the following: a circuit for implementing the method and a digital output unit for a speech programmable controller.

IPC 1-7  
**H01F 7/18**

IPC 8 full level  
**H01F 7/18** (2006.01); **H01H 47/00** (2006.01)

CPC (source: EP)  
**H01F 7/1844** (2013.01); **H01H 47/002** (2013.01); **H01H 2047/008** (2013.01); **H01H 2047/046** (2013.01)

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

DOCDB simple family (publication)  
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