

Title (en)
Method for switching a load

Title (de)
Verfahren zum Schalten einer Last

Title (fr)
Procédé pour commuter une charge

Publication
EP 1109177 B1 20040428 (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)

Cited by
EP2633539A4; EP3072138A4; US9013854B2

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AT CH DE ES FR GB LI

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EP 1109177 A2 20010620; **EP 1109177 A3 20020417**; **EP 1109177 B1 20040428**; AT E265738 T1 20040515; DE 50006237 D1 20040603; ES 2219253 T3 20041201

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