

Title (en)  
METHOD FOR SWITCHING SEVERAL ELECTRIC CIRCUITS AND CORRESPONDING SWITCH

Title (de)  
VERFAHREN ZUM SCHALTEN VON MEHREREN STROMKREISEN EINES FAHRZEUGES UND EIN SCHALTER HIERFÜR

Title (fr)  
PROCEDE DE COMMUTATION DE PLUSIEURS CIRCUITS D'UN VEHICULE AUTOMOBILE ET COMMUTATEUR CON U AFIN DE METTRE EN  
OEUVRE CE PROCEDE

Publication  
**EP 1151452 A1 20011107 (DE)**

Application  
**EP 00912369 A 20000210**

Priority  
• DE 0000409 W 20000210  
• DE 19906035 A 19990212

Abstract (en)  
[origin: DE19906035A1] The invention relates to a method for switching several electric circuits, especially electric circuits for lighting purposes in a vehicle, wherein several positions of an actuation element are binarily coded, the binary codification is fed to a logic and the logic controls switching of the electric circuits. The invention also relates to a corresponding switch having an actuation element and a switching device enabling several switching modes depending on the position of the actuation element, wherein the switching device is comprised of several switching elements, each having two switching modes so that binary codification of the switching modes of all switching elements depends upon the position of the actuation element in order to switch the electric circuit by means of a logic.

IPC 1-7  
**H01H 25/06**; **H01H 9/16**

IPC 8 full level  
**B60R 16/02** (2006.01); **B60Q 1/00** (2006.01); **H01H 9/16** (2006.01); **H01H 19/00** (2006.01); **H01H 19/54** (2006.01); **H01H 19/62** (2006.01); **H01H 25/06** (2006.01); **H01H 9/54** (2006.01); **H01H 19/63** (2006.01)

CPC (source: EP US)  
**H01H 19/62** (2013.01 - EP US); **H01H 9/547** (2013.01 - EP US); **H01H 19/63** (2013.01 - EP US); **H01H 25/06** (2013.01 - EP US); **H01H 2009/0083** (2013.01 - EP US); **H01H 2300/04** (2013.01 - EP US)

Citation (search report)  
See references of WO 0048215A1

Designated contracting state (EPC)  
DE ES FR GB IT SE

DOCDB simple family (publication)  
**DE 19906035 A1 20000831**; BR 0008132 A 20020219; BR PI0008132 B1 20150728; DE 50000377 D1 20020919; EP 1151452 A1 20011107; EP 1151452 B1 20020814; ES 2179813 T3 20030201; JP 2002536247 A 20021029; JP 2006318921 A 20061124; JP 4361922 B2 20091111; US 6713896 B1 20040330; WO 0048215 A1 20000817

DOCDB simple family (application)  
**DE 19906035 A 19990212**; BR 0008132 A 20000210; DE 0000409 W 20000210; DE 50000377 T 20000210; EP 00912369 A 20000210; ES 00912369 T 20000210; JP 2000599050 A 20000210; JP 2006156028 A 20060605; US 91314001 A 20010810