

Title (en)  
Method and device for starting a combustion vehicle

Title (de)  
Verfahren und Vorrichtung zum Starten eines Kraftfahrzeuges

Title (fr)  
Méthode et dispositif pour démarrer un véhicule

Publication  
**EP 1006277 B1 20020626 (DE)**

Application  
**EP 99122011 A 19991111**

Priority  
DE 19856131 A 19981204

Abstract (en)  
[origin: EP1006277A1] The method involves initiating the starting process by operating an ignition starter switch (1) so that other electrical loads (L1-Ln) are switched off when starting the engine and only switched on when the engine has started. Control logic (5) determines whether the ignition starter switch is in a starting position (9) or a null position (8) and activates the starter motor in the starting position and switches off several loads. If the switch is not in the starting or null positions, the control logic detects the drive state and switches the loads back on. An Independent claim is also included for an arrangement for implementing the method.

IPC 1-7  
**F02N 11/08**

IPC 8 full level  
**F02N 11/08** (2006.01)

CPC (source: EP)  
**F02N 11/0862** (2013.01); **F02N 11/10** (2013.01)

Cited by  
EP1262660A3; EP2180175A3; CN101734161A

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

DOCDB simple family (publication)  
**EP 1006277 A1 20000607**; **EP 1006277 B1 20020626**; AT E219819 T1 20020715; DE 19856131 A1 20000608; DE 59901843 D1 20020801; ES 2177189 T3 20021201

DOCDB simple family (application)  
**EP 99122011 A 19991111**; AT 99122011 T 19991111; DE 19856131 A 19981204; DE 59901843 T 19991111; ES 99122011 T 19991111