

Title (en)
Power cut-off system for motor vehicle starter

Title (de)
Abschaltsystem für Kraftfahrzeug-Anlasser

Title (fr)
Coupure d'un démarreur de véhicule automobile

Publication
EP 0814258 A1 19971229 (FR)

Application
EP 97400626 A 19970320

Priority
FR 9603511 A 19960321

Abstract (en)
[origin: FR2746450A1] The interruption of supply to the starter is controlled by measuring the supply voltage to the motor. The measured supply voltage (U_f) is compared to the battery voltage (U_o) before starting commences. The measured voltage is compared to a threshold voltage that is a fraction (not greater than one) of the battery voltage before starting. The voltage before starting is stored, and used to provide a reference voltage that is a fraction of the starting voltage to a comparator. The comparator receives the measured voltage during starting at its other terminal, and delivers a signal to release the contactor when the measured voltage crosses the reference voltage.

Abstract (fr)
Procédé pour la commande de la coupure d'un démarreur de véhicule automobile selon lequel on mesure la tension d'alimentation de ce démarreur et on coupe le démarreur lorsque cette tension atteint une valeur seuil (U_f), caractérisé en ce que cette valeur seuil est fonction de la valeur (U_0) de la tension d'alimentation en début de démarrage. <IMAGE>

IPC 1-7
F02N 11/08

IPC 8 full level
F02N 11/08 (2006.01)

CPC (source: EP KR US)
F02N 11/08 (2013.01 - KR); **F02N 11/0848** (2013.01 - EP US); **F02N 2200/063** (2013.01 - KR)

Citation (search report)

- [A] US 4665370 A 19870512 - HOLLAND JOHN F [US]
- [A] WO 9004188 A1 19900419 - ALLIED SIGNAL INC [US]
- [DA] FR 2626417 A1 19890728 - MITSUBISHI ELECTRIC CORP [JP]

Designated contracting state (EPC)
DE ES GB IT

DOCDB simple family (publication)
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DOCDB simple family (application)
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