

Title (en)

Device for operating a vehicle engine with a starter

Title (de)

Betriebseinrichtung für eine Brennkraftmaschine eines Kraftfahrzeuges mit einem Starter

Title (fr)

Dispositif pour l'opération d'un moteur de véhicule avec démarreur

Publication

EP 1120557 A3 20020626 (DE)

Application

EP 00127063 A 20001211

Priority

DE 10003736 A 20000128

Abstract (en)

[origin: US2001011537A1] An operating device for an internal combustion engine of a motor vehicle with a starter having an electric motor, the operating device has a fuel pump; and a connection of said fuel pump with the electric motor so that the electric motor can be used additionally at least indirectly for driving of said fuel pump.

IPC 1-7

F02B 67/00; F02M 37/04; F02M 37/08

IPC 8 full level

F02B 67/00 (2006.01); **F02M 37/06** (2006.01); **F02M 37/08** (2006.01); **F02N 11/00** (2006.01); **F02N 15/06** (2006.01)

CPC (source: EP US)

F02B 67/00 (2013.01 - EP US); **F02M 37/06** (2013.01 - EP US); **F02M 39/02** (2013.01 - EP US); **F02N 11/00** (2013.01 - EP US)

Citation (search report)

- [X] DE 19619469 C1 19971127 - SIEMENS AG [DE]
- [X] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 04 30 April 1996 (1996-04-30)

Cited by

CN102171440A

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EP 1120557 A2 20010801; **EP 1120557 A3 20020626**; DE 10003736 A1 20010802; JP 2001227437 A 20010824; US 2001011537 A1 20010809; US 6453879 B2 20020924

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