

Title (en)
Method for starting an internal combustion engine

Title (de)
Verfahren zum Starten einer Brennkraftmaschine

Title (fr)
Méthode de démarrage d'un moteur à combustion interne

Publication
EP 1132613 A3 20030604 (DE)

Application
EP 01104950 A 20010228

Priority
DE 10011507 A 20000309

Abstract (en)
[origin: EP1132613A2] The method involves setting the fuel pressure (FUP) in a pressure reservoir to a starting value at the beginning of a starting process; starting the engine (M) with a starter revolution rate (N_Starter); determining the time in which the engine revolution rate (N) is held at the level of the starter revolution rate; and if a defined period is exceeded, increasing the pressure in the pressure reservoir until the engine indicates a defined increase in its revolution rate.

IPC 1-7
F02N 17/00; F02D 41/38; F02D 41/06

IPC 8 full level
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CPC (source: EP)
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Citation (search report)

- [A] US 4528963 A 19850716 - BESSHO HIRONORI [JP], et al
- [A] DE 3707635 A1 19880922 - PIERBURG GMBH [DE]
- [A] AT 388030 B 19890425 - STEYR DAIMLER PUCH AG

Cited by
EP1298303A3; DE102018001114B4; DE102009040321B4; DE102012210708B4

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

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