

Title (en)

METHOD FOR OPERATING A DIRECT CURRENT GENERATOR CONNECTED TO AN INTERNAL-COMBUSTION ENGINE AS STARTER MOTOR, AND DEVICE THEREFOR

Publication

EP 0374584 B1 19920401 (DE)

Application

EP 89122473 A 19891206

Priority

DE 3842834 A 19881220

Abstract (en)

[origin: EP0374584A1] In order to use a generator 2, which is connected to an internal-combustion engine 1 and drives an electric drive motor 5, as the starter for the internal-combustion engine 1 without providing additional auxiliary windings in the generator 2, it is proposed that current flow through the exciter winding 6 before flowing through the armature winding 8. While the voltage of the starter battery 13 remains essentially constant, it is thereby possible for the exciter field to be built up almost completely before a current flows through the armature winding 8 and produces a torque. A switching arrangement for such a method is also proposed.

IPC 1-7

F02N 11/04

IPC 8 full level

F02N 11/04 (2006.01); **H02P 9/08** (2006.01)

CPC (source: EP KR)

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