

Title (en)

FLYWHEELSTARTER/GENERATOR FOR I.C.-ENGINES

Title (de)

SCHWUNGRADSTARTER/GENERATOR

Title (fr)

MOTEUR-DEMARREUR-VOLANT POUR MOTEURS A COMBUSTION INTERNE

Publication

**EP 1173673 A2 20020123 (EN)**

Application

**EP 99954488 A 19991008**

Priority

- NL 9900626 W 19991008
- NL 1010277 A 19981008

Abstract (en)

[origin: WO0052329A2] This invention relates to an electric machine which may act as a (flywheel)-starter-motor, and/or a generator for internal-combustion-engines (called i.c.engines or engines hereafter). A planetary gear/brake/clutch arrangement offers two gear-speeds and a freewheel. Thanks to the freewheel-mode, the machine may be permanently connected to the i.c.engine and is therefore perfectly suited for turbo-compounding, offering a fast shaft to combine an exhaust-turbine with a, preferably, non-turbo compressor. The invention moreover relates to the various practical forms, matching control-devices and auxiliaries which enable the machine to be used in a number of different applications. The electric configuration of the machines used, may differ, depending on the application.

IPC 1-7

**F02N 5/04**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 0052329A2

Cited by

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