

Title (en)
Coaxial engine starter.

Title (de)
Koaxialer Anlasser für einen Verbrennungsmotor.

Title (fr)
Démarreur coaxial pour moteur à combustion interne.

Publication
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Application
EP 90302081 A 19900227

Priority
JP 4752689 A 19890227

Abstract (en)
[origin: EP0385726A1] A coaxial engine starter comprises an electric motor having an armature winding (1) of a single turn and a hollow armature rotary shaft (3) for generating a rotational force for starting an engine. The starter also comprises an over-running clutch mechanism (17) disposed within the hollow armature rotary shaft for preventing the occurrence of an excessive-speed of the armature (1) and having a pinion (20) having a gear teeth number equal to or less than seven for engaging with a ring gear of an engine upon starting of the electric motor. A solenoid switch (24) is also disposed behind the electric motor for moving a pinion shaft (20,26) forward and supplying an electric power to the electric motor.

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CPC (source: EP KR)
F02N 11/00 (2013.01 - KR); **F02N 15/066** (2013.01 - EP)

Citation (examination)

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