

Title (en)

Starter device for a combustion engine

Title (de)

Startvorrichtung für einen Brennkraftmotor

Title (fr)

Dispositif de démarrage pour un moteur à combustion interne

Publication

EP 2466117 B1 20141029 (DE)

Application

EP 11189135 A 20111115

Priority

DE 202010016015 U 20101130

Abstract (en)

[origin: US2012132170A1] A starting device for an internal combustion engine includes a pulley mounted rotatably in a housing which can be set in rotation by a tension means to produce a drive torque for a motor shaft by a starter handle and which is connected to an engaging member by a damping spring. The drive torque is transmitted to the motor shaft to start the internal combustion engine, whereby under torsion of the damping spring, a twisting of the pulley against the engaging member is rendered possible until a stop element impacts against a counter-stop to delimit the twisting, which enables a high operational readiness of the starting device. In the case of a defect of the damping spring, the stop element and/or the counter-stop is formed from a material which has a higher strength than the material of the engaging member and/or the material of the pulley.

IPC 8 full level

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CPC (source: EP US)

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