

Title (en)

STARTER MOTOR, PARTICULARLY FOR A MOTOR VEHICLE, PROVIDED WITH A FRICTION FREE-WHEEL STARTER

Title (de)

ANLASSERMOTOR, INSBESONDERE FÜR EIN KRAFTFAHRZEUG, AUSGESTATTET MIT EINEM FREILAUFENDEM REIBANLASSER

Title (fr)

DEMARREUR, NOTAMMENT DE VEHICULE AUTOMOBILE, EQUIPE D'UN LANCEUR A ROUE LIBRE PAR FRICTION

Publication

EP 1769154 B1 20130828 (FR)

Application

EP 05775279 A 20050606

Priority

- FR 2005001373 W 20050606
- FR 0406235 A 20040609

Abstract (en)

[origin: WO2006003285A1] A starter motor including an electric motor (11) mechanically coupled to a starter (26) including a driver (33), a hitch member (45) for hitching the pinion (32) to the driver (33) via a free-wheel mechanical coupling (34) in the form of a friction clutch, and a priming spring (R1) built into the starter (26) between the hitch member (45) and the driver (33), whereby the two friction surfaces (37, 40) are spaced apart when the friction clutch is in the inoperative position, and a resisting torque is frictionally generated to enable reliable priming of the self-locking function of the free wheel (34).

IPC 8 full level

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CPC (source: EP)

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