

Title (en)

Starter/generator for motor vehicles

Title (de)

Anlasser/Generator für Kraftfahrzeuge

Title (fr)

Démarreur/Générateur pour véhicules automobiles

Publication

**EP 1048845 B1 20040811 (EN)**

Application

**EP 00107492 A 20000406**

Priority

JP 11901099 A 19990427

Abstract (en)

[origin: EP1048845A1] The invention provides a starter/generator which can be disposed on an end of a crankshaft without increasing the length of the crankshaft. To achieve this, a starter/generator includes a brushless motor 44 having a rotor 15 connected to an end of a crankshaft 12 and a stator including a starter coil 51 and a generator coil 50, a start control means (a three-phase driver 104, a rotor sensor 56, etc.) for converting a battery voltage into AC power and supplying the AC power to the starter coil 51 of the brushless motor 44, and a generation control means (a regulator 52) for supplying electromotive forces induced across the generator coil 50 of the brushless motor 44 to electric loads. <IMAGE>

IPC 1-7

**F02N 11/04**

IPC 8 full level

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CPC (source: EP)

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Cited by

EP2735878A1; EP1550795A4; US7202572B2; CN100408835C; WO02052140A1

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**EP 1048845 A1 20001102**; **EP 1048845 B1 20040811**; CN 1263950 C 20060712; CN 1271653 A 20001101; DE 60012812 D1 20040916; DE 60012812 T2 20050113; JP 2000310134 A 20001107; JP 4117816 B2 20080716; TW 487775 B 20020521

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