

Title (en)
METHOD AND STARTER SYSTEM FOR STARTING AN INTERNAL COMBUSTION ENGINE

Title (de)
VERFAHREN UND STARTERSYSTEM ZUM STARTEN EINES VERBRENNUNGSMOTORS

Title (fr)
PROCEDE ET SYSTEME POUR LE DEMARRAGE D'UN MOTEUR A COMBUSTION INTERNE

Publication
EP 1073842 B8 20060104 (DE)

Application
EP 99917937 A 19990331

Priority
• DE 19817497 A 19980420
• EP 9902219 W 19990331

Abstract (en)
[origin: DE19817497A1] The method involves using a starter (4) with a rotor (5) which is coupled directly or through gears, to the engine crankshaft (2). When, or shortly after the ignition is switched off, a controller (11) operates the starter to set the crankshaft at an angle at which the cylinder compression offers least resistance when the engine is restarted. A sensor (12) monitors the crankshaft angle. An Independent claim is included for a system for starting an IC engine.

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F02N 17/08; **F02N 11/04**

IPC 8 full level
F02N 11/04 (2006.01); **F02N 11/08** (2006.01); **F02N 17/08** (2006.01); **F02N 19/00** (2010.01); **F02D 41/04** (2006.01)

CPC (source: EP US)
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Cited by
DE102004062939B4; WO2006069620A1; US8276559B2

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DE 19817497 A1 19991028; DE 59903321 D1 20021212; EP 1073842 A1 20010207; EP 1073842 B1 20021106; EP 1073842 B2 20050907; EP 1073842 B8 20060104; JP 2002512342 A 20020423; US 6453863 B1 20020924; WO 9954621 A1 19991028

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