

Title (en)

Starting control method and system for internal combustion engine

Title (de)

Steuerverfahren und -system zum Starten einer Brennkraftmaschine

Title (fr)

Dispositif et procédé pour contrôler le démarrage d'un moteur à combustion interne

Publication

EP 1505287 B1 20070207 (EN)

Application

EP 04018397 A 20040803

Priority

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Abstract (en)

[origin: EP1505287A2] A starting control method for an internal combustion engine (E) in which output of the engine (E) is transmitted to an external component through a flywheel (F), characterized in that if an engine rotating speed remains in a resonance rotating speed region of the flywheel (F) for a predetermined period when the engine starts, a divergence control for controlling a fuel injection to make the engine rotating speed diverge from the resonance rotating speed region is performed. According to this, problems caused by the resonance between the crankshaft and the flywheel (F) at the time of engine starting can be prevented. <IMAGE>

IPC 8 full level

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Cited by

EP2754883A4; FR3068393A1; CN113218664A; EP3141727A1; CN106481467A; EP3550131A4; EP3550130A4; US10883464B2; US11168631B2; US10890122B2

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