

Title (en)
STARTING CONTROL SYSTEM FOR DIESEL ENGINE

Title (de)
ANLASSTEUERUNGSSYSTEM FÜR DIESELMOTOR

Title (fr)
SYSTÈME DE COMMANDE DE DÉMARRAGE POUR MOTEUR DIESEL

Publication
EP 2535556 B1 20210512 (EN)

Application
EP 12172005 A 20120614

Priority
JP 2011132160 A 20110614

Abstract (en)
[origin: EP2535556A1] In a starting control system for a diesel engine, which performs control of a starting parameter that changes a starting timing of an engine (1), while energizing a glow plug (5) during a period from switching of an engine switch (22) to "Ignition On" to switching to "Starter On", a required glow waiting time as an energization time of the glow plug (5) required for the temperature of the glow plug (5) to increase to a level suitable for starting of the engine (1) is compared with an actual glow waiting time as an actual energization time of the glow plug (5) from switching of the engine switch (22) to "Ignition On" to switching to "Starter On", and the starting parameter is controlled according to a result of the comparison.

IPC 8 full level
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CPC (source: EP)
F02D 41/062 (2013.01); **F02P 19/02** (2013.01); **F02D 41/3845** (2013.01); **F02D 41/403** (2013.01); **F02D 2200/021** (2013.01); **F02N 11/08** (2013.01); **F02P 19/021** (2013.01)

Citation (examination)
• US 2008208440 A1 20080828 - HIRAMATSU HIROMI [JP]
• EP 0896145 A2 19990210 - TOYOTA MOTOR CO LTD [JP]

Cited by
DE202013007580U1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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