

Title (en)

Starting device for internal combustion engine, in particular for diesel engine without glowplugs

Title (de)

Anlassvorrichtung für Brennkraftmaschine, insbesondere für Dieselmotoren ohne Glühkerzen

Title (fr)

Dispositif de démarrage d'un moteur à combustion interne, en particulier d'un moteur diesel sans bougie de préchauffage

Publication

EP 1752656 A3 20070404 (FR)

Application

EP 06117406 A 20060718

Priority

FR 0507638 A 20050719

Abstract (en)

[origin: EP1752656A2] The method involves heating gas present in combustion chambers so as to keep the gas at a minimum temperature of approximately 415 degree Celsius in the whole of volume defined by the chambers when pistons are in maximum compression position or near to the position. The gas is intended to participate at the combustion and is heated by heating preheating an inlet air (A) using a preheating unit (30) that comprises an electrical resistor (R). An independent claim is also included for a device for starting an internal combustion engine.

IPC 8 full level

F02N 11/08 (2006.01); **F02N 19/02** (2010.01); **F02N 19/04** (2010.01)

CPC (source: EP)

F02D 41/064 (2013.01); **F02D 41/065** (2013.01); **F02N 11/08** (2013.01); **F02N 19/02** (2013.01); **F02N 19/04** (2013.01); **F02D 2400/16** (2013.01); **F02N 11/0866** (2013.01); **F02N 2011/0888** (2013.01); **F02N 2300/102** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1752656 A2 20070214; **EP 1752656 A3 20070404**; FR 2888891 A1 20070126; FR 2888891 B1 20100917

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