

Title (en)

METHOD FOR STARTING A MULTI-CYLINDER INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN ZUM STARTEN EINER MEHRZYLINDRIGEN BRENNKRAFTMASCHINE

Title (fr)

PROCEDE POUR DEMARRER UN MOTEUR A COMBUSTION INTERNE A PLUSIEURS CYLINDRES

Publication

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Application

**EP 01913583 A 20010207**

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Abstract (en)

[origin: WO0181759A1] The invention relates to a method for starting a multi-cylinder internal combustion engine (1), especially of a motor vehicle in a forward direction, whereby the position of a piston (2) in a cylinder (3) of the internal combustion engine (1) is determined and fuel is injected into a combustion chamber (4) of the cylinder (3) whose piston (2) is located in a working phase. In order to be able to reliably start the internal combustion engine before the starting process (14), without the use of an electric starter and irrespective of the position of the pistons (2) in the cylinders (3), the invention provides that the internal combustion engine (1) is firstly moved in a reverse direction by injecting fuel into a combustion chamber (4) of at least one cylinder (3) whose piston, when viewed in a forward direction, is located in a compression phase, and the fuel compressed in the combustion chamber (4) of the at least one cylinder (3) is ignited, whereby the rotating motion in the reverse direction is stopped before reaching the lower dead center (UT) of the piston (2) of the at least one cylinder (3), and the internal combustion engine is then started in a forward direction.

IPC 8 full level

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