

Title (en)

Method and system for internal combustion engine

Title (de)

Verfahren und System für eine Brennkraftmaschine

Title (fr)

Méthode et dispositif pour moteur à combustion interne

Publication

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Application

EP 05102698 A 20050406

Priority

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Abstract (en)

Method for determining where in its operating cycle at least one cylinder of a four-stroke internal combustion engine that has an odd number of cylinders is located. Said at least one cylinder drives a crankshaft on which a flywheel (1), that rotates through two revolutions (i,ii) during every four-stroke operating cycle, is mounted. The method comprises the step of; determining the rotational speed ($\dot{\theta}$) of the flywheel (1) or a value corresponding thereto as the flywheel (1) rotates through a given rotational angle (\pm), determining the present phase of the flywheel (1) and then determining whether the present phase of the flywheel (1) corresponds to the phase of the ordinary oscillation of the flywheel (1) during its first revolution (i) or whether it corresponds to the phase of the ordinary oscillation of the flywheel (1) during its second revolution (ii) for determining where in its operating cycle said at least one cylinder is.

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Citation (search report)

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