

Title (en)  
Method for controlling the smooth running of an internal combustion engine

Title (de)  
Verfahren zur Regelung der Laufruhe eines Verbrennungsmotors

Title (fr)  
Méthode de commande de la stabilité de marche d'un moteur à combustion interne

Publication  
**EP 0860596 A3 20000126 (DE)**

Application  
**EP 98101982 A 19980205**

Priority  
DE 19706807 A 19970221

Abstract (en)  
[origin: EP0860596A2] A procedure for controlling the quietness of a multi-cylinder IC engine depending on the measured value of running noise has a threshold specified for the noise and a control parameter is adjusted in small steps in the direction of increased noise if the measured value of the noise indicates quieter running than the threshold. The parameter is adjusted in a larger step in the direction of reduced noise if the measured value of the noise indicates louder running than the threshold. The change of the parameter takes place with a frequency of at least one hertz. As a measured value for the running noise, a value for the uniformity of rotation of a crankshaft sensor is used.

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**F02D 41/14**

IPC 8 full level  
**F02D 41/14** (2006.01)

CPC (source: EP)  
**F02D 41/1497** (2013.01)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 010, no. 265 (M - 515) 10 September 1986 (1986-09-10)

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