

Title (en)

METHOD FOR INCREASING THE RESOLUTION OF OUTPUT SIGNALS FROM AT LEAST ONE MEASURING SENSOR ON AN INTERNAL COMBUSTION ENGINE AND CORRESPONDING CONTROLLER

Title (de)

VERFAHREN ZUR ERHÖHUNG DER AUFLÖSUNG VON AUSGANGSSIGNALEN MINDESTENS EINES MESSSENSORS FÜR EINEN VERBRENNUNGSMOTOR SOWIE ZUGEHÖRIGES STEUERGERÄT

Title (fr)

PROCÉDÉ POUR AUGMENTER LA RÉOLUTION DES SIGNAUX DE SORTIE D'AU MOINS UN CAPTEUR DE MESURE CONÇU POUR UN MOTEUR À COMBUSTION INTERNE, ET APPAREIL DE COMMANDE CORRESPONDANT

Publication

EP 2041415 B1 20091104 (DE)

Application

EP 07765572 A 20070622

Priority

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Abstract (en)

[origin: DE102006030842B3] An automotive electronic control unit process enhances the signal resolution of an automotive motor (CE) cylinder pressure sensor (DS) signal (SS) output. The raw signal (ZS) lies within the sensor working range (PZ) and is sub-divided into two or more sectors (A, B). The switch from one sector to the next is automated and effected by the sensor (DS) when the threshold (G1) is reached or passed.

IPC 8 full level

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CPC (source: EP KR US)

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