

Title (en)

METHOD FOR PRODUCING A COMBUSTION SPACE SIGNAL DATA STREAM WITH INTERFERENCE SUPPRESSION

Title (de)

VERFAHREN ZUM ERSTELLEN EINES ENTSTÖRTEN BRENNRAUMSIGNALDATENSTROMS

Title (fr)

PROCÉDÉ DE CRÉATION D'UN FLUX DE DONNÉES DE SIGNAL DE CHAMBRE DE COMBUSTION ANTIPARASITÉ

Publication

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Application

EP 17777039 A 20170928

Priority

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- EP 2017074646 W 20170928

Abstract (en)

[origin: WO2018060339A1] The invention relates to a method for producing an output data stream (15) with at least partial interference suppression by detecting and selectively filtering a combustion chamber signal (1) which is picked up at an internal combustion engine, comprising the following steps: - picking up a combustion chamber signal (1) and producing combustion chamber signal data stream (2), - simultaneously picking up a crankshaft angle (3) and producing a crankshaft signal data stream (4), - splitting or duplicating the combustion chamber signal data stream (2), - producing a first filtered combustion chamber signal data stream (23), - if appropriate producing a second filtered combustion chamber signal data stream (24), - producing a first transformed combustion chamber signal data stream (20) by transforming (8) the first filtered combustion chamber signal data stream (20) from a time basis to a crankshaft angle basis and producing a second transformed combustion chamber signal data stream (21) by transforming (9) the second, if appropriate filtered, combustion chamber signal data stream (24) from a time basis to a crankshaft angle basis, - combining the transformed combustion chamber signal data streams (20, 21) so that the output data stream comprises the first transformed combustion chamber signal data stream (20) in a first crankshaft angle range (17) and the second transformed combustion chamber signal data stream (21) in a second crankshaft angle range (19).

IPC 8 full level

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