

Title (en)
METHOD FOR DETERMINING AN AVERAGE SEGMENT TIME OF AN ENCODER WHEEL OF AN INTERNAL COMBUSTION ENGINE

Title (de)
VERFAHREN ZUM BESTIMMEN EINER MITTLEREN SEGMENTZEIT EINES GEBERRADS EINER BRENNKRAFTMASCHINE

Title (fr)
PROCÉDÉ PERMETTANT DE DÉTERMINER UN TEMPS SEGMENTAIRE MOYEN D'UNE ROUE ÉMETTRICE D'UN MOTEUR À COMBUSTION INTERNE

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Application
EP 14725478 A 20140522

Priority
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Abstract (en)
[origin: WO2014198509A1] The invention relates to a method for determining an average segment time of an encoder wheel of an internal combustion engine, wherein the encoder wheel is connected in a rotationally fixed fashion to a crankshaft of the internal combustion engine, wherein markings are arranged along the circumference of the encoder wheel, and wherein the crankshaft of the internal combustion engine passes over angular regions which are predetermined during segment times, wherein segment times (s1, s2, s3, s4, s5) are detected, associated rotational speed values (n1, n2, n3, n4, n5) are determined from the segment times (s1, s2, s3, s4, s5), a rotational speed profile (231) is determined from the individual, determined rotational speed values (n1, n2, n3, n4, n5), a value of the average rotational speed (n*) is determined from the rotational speed profile (231), and an average segment time is determined from the value of the average rotational speed (n*).

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See references of WO 2014198509A1

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