

Title (en)
Device for the measuring of an ion current for an internal-combustion engine

Title (de)
Vorrichtung zur Erfassung eines Ionenstromes für eine Brennkraftmaschine

Title (fr)
Dispositif pour la mesure d'un courant d'ions pour moteur à combustion interne

Publication
EP 1054154 B1 20100120 (DE)

Application
EP 00107750 A 20000411

Priority
DE 19922747 A 19990518

Abstract (en)
[origin: EP1054154A2] The arrangement has a measurement voltage generator (1) connected to an ignition current bypass (2) and a measurement signal converter (4) connected to the measurement voltage generator and bypass. The current to voltage converter has an operational amplifier with negative input connected to the measurement voltage generator, ignition current bypass and, via a resistance, to output. Its positive input is connected a slightly higher potential (earth).

IPC 8 full level
F02P 17/12 (2006.01)

CPC (source: EP)
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Cited by
DE10325318B4

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DE ES FR GB IT SE

DOCDB simple family (publication)
EP 1054154 A2 20001122; EP 1054154 A3 20020821; EP 1054154 B1 20100120; DE 19922747 A1 20001130; DE 19922747 C2 20030206; DE 50015847 D1 20100311

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