

Title (en)
IGNITING SYSTEM WITH A DEVICE FOR MEASURING THE ION CURRENT

Title (de)
ZÜNDVORRICHTUNG MIT IONENSTROM-MESSEINRICHTUNG

Title (fr)
SYSTEME D'ALLUMAGE AVEC DISPOSITIF DE MESURE DU COURANT IONIQUE

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Abstract (en)
[origin: DE19649278A1] The present invention relates to an induction igniting system for combustion engines provided with a measuring device enabling the ion current to be determined at the spark plug of each cylinder and, at each spark plug the secondary winding of which is crossed by a ion current, with ignition coils providing the striking voltage and working on the same principle as a transformer and comprising primary and secondary windings. The invention provides a switch (S1) for short-circuiting the primary winding during the ion current measurement.

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