

Title (en)

ELECTRONIC IGNITION FOR INTERNAL-COMBUSTION ENGINES

Title (de)

ELEKTRONISCHE ZÜNDUNG FÜR BRENNKRAFTMASCHINEN

Title (fr)

ALLUMAGE ELECTRONIQUE POUR MOTEURS A COMBUSTION INTERNE

Publication

EP 0500830 B1 20001004 (EN)

Application

EP 91914260 A 19910724

Priority

- IT 9100063 W 19910724
- IT 8346690 A 19900907

Abstract (en)

[origin: WO9204540A1] An ignition system with capacitive knocking ignition for internal-combustion engines, associable to an electric energy generating flywheel, that utilizes a capacitor (C1) discharge means (thyristor SCR) to generate a spark in one correspondent ignition plug (Ca), characterized by the fact that the secondary coil (Ls) has an end electrically connected to the feed coil (Ba) of said generator and an end connected to the ignition plug (Ca) in order to: first of all have a spark on the ignition plug (Ca) deriving from the discharge of said capacitor means (C1) on the primary winding (Lp), inducing tensions with high potential on said secondary winding (Ls) and then that such feed coil (Ba) of said electric energy generator sets provide furthermore and directly current to said secondary coil (Ls) to prolong the duration of the spark.

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F02P 1/08

IPC 8 full level

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CPC (source: EP)

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