

Title (en)

DEVICE FOR IMPROVING THE PERFORMANCE OF A SPARK PLUG FOR A TWO OR FOUR STROKE INTERNAL COMBUSTION

Title (de)

EINRICHTUNG ZUR VERBESSERUNG DER LEISTUNGSFÄHIGKEIT EINER ZÜNDKERZE FÜR EINEN ZWEI- ODER VIERTAKTMOTOR

Title (fr)

DISPOSITIF POUR AMÉLIORER LE RENDEMENT D'UNE BOUGIE POUR MOTEUR À COMBUSTION INTERNE, DEUX OU QUATRE TEMPS

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Application

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Abstract (en)

[origin: WO2006061468A1] A device for improving the yield of a spark plug for a two or four stroke internal combustion engine, in order to reduce pollution, facilitate starting and increase the performance of the engine while reducing consumption. The invention relates to a device for creating the circulation of a gaseous liquid inside the case via continuous oblique holes (1) in the form of venturi at the base of the case (2), a continuous hole (3) which is conical on the upper part on the negative electrode (4), in order to obtain a more homogeneous spark which is wider and more intense and in order to increase the density of the gaseous mixture in said spark. The device also makes it possible to avoid deposits of calamine and to reduce the operating heat of the spark plug (as a thermal index controller).

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