

Title (en)
SPARK PLUG FOR AN INTERNAL COMBUSTION ENGINE

Title (de)
ZÜNDKERZE FÜR EINEN VERBRENNUNGSMOTOR

Title (fr)
BOUGIE D'ALLUMAGE POUR MOTEUR À COMBUSTION INTERNE

Publication
EP 3460929 B1 20200715 (EN)

Application
EP 17192672 A 20170922

Priority
EP 17192672 A 20170922

Abstract (en)
[origin: EP3460929A1] The present disclosure relates to a spark plug (30) for an internal combustion engine. The spark plug (30) is configured to be mounted in a spark plug bore (44) of the engine in such a manner that a length of a heat transfer path from a center electrode (68) and a ground electrode (94) is shortened. To this end, a sealing portion (58) through which the heat transfer is effected is provided closer to an end (51) of a housing (50) of the spark plug (30) than a mounting portion (56) for mounting the spark plug (30) in the spark plug bore (44). In this manner, the heat from the center electrode (68) and the ground electrode (94) can be transferred from the housing (50) to the inner surface of the spark plug bore (44) without having to flow through the mounting portion (56).

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Cited by
US12027825B1; WO2022082232A1; DE102018219950B4; US12046877B2; WO2022226553A1; WO2021072458A1

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