

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 A1 20190327 (EN)**

Application  
**EP 17192672 A 20170922**

Priority  
EP 17192672 A 20170922

Abstract (en)  
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).

IPC 8 full level  
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**F02P 13/00** (2013.01 - EP); **F02P 15/006** (2013.01 - EP); **H01T 13/40** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)  
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