

Title (en)  
SPARK-PLUG WITH IMPROVED ELECTROMAGNETIC COMPATIBILITY

Title (de)  
ZÜNDKERZE MIT VERBESSERTER ELEKTROMAGNETISCHER VERTRÄGLICHKEIT

Title (fr)  
BOUGIE AVEC COMPATIBILITE ELECTROMAGNETIQUE AMÉLIORÉ

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Abstract (en)  
[origin: WO2013102519A1] The invention relates to a spark plug, comprising a one-piece insulator (2) having a through-hole (20) extending in the longitudinal direction (X-X) of the spark plug, in which a center electrode (3) having a resistance element (4) is arranged. The insulator (2) comprises a first ceramic (23) having a first permittivity and a second ceramic (24) having a second permittivity, wherein the second permittivity is greater than the first permittivity and wherein the second ceramic (24) encloses the resistance element (4) in an annular manner and covers at least a portion of the resistance element (4) in the longitudinal direction (X-X).

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