

Title (en)  
Spark plug.

Title (de)  
Zündkerze.

Title (fr)  
Bougie d'allumage.

Publication  
**EP 0170975 A1 19860212 (EN)**

Application  
**EP 85109234 A 19850723**

Priority  
JP 15813184 A 19840728

Abstract (en)  
A spark plug with an improved radio noise suppression effect. A magnetic substance is added to the resistor of the spark plug to enhance its absorption of high frequency radio currents. The resistor is made of a sintered material comprising, by weight, 0.2-0.6% carbon, 25-75% glass of which softening temperatures are 300-600 DEG C and grain sizes are 10-500 mu m, 0.4-40% magnetic substance and a binder constituting the rest. A current path made of carbon is formed in a zigzag shape around the glass and magnetic substance in the resistor.

IPC 1-7  
**H01T 13/41**; H01C 7/00

IPC 8 full level  
**H01T 13/20** (2006.01); **H01T 13/41** (2006.01)

CPC (source: EP)  
**H01T 13/41** (2013.01)

Citation (search report)  
• [A] DE 3026374 A1 19810122 - HITACHI LTD  
• [A] FR 1162823 A 19580917 - BOSCH GMBH ROBERT  
• [A] FR 2270699 A1 19751205 - NIPPON DENSO CO [JP]  
• [A] DE 3226340 A1 19830203 - NGK SPARK PLUG CO [JP]

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CN105308808A; EP3089291A4; EP3312951A4; EP0444877A3; US5182540A; US9614354B2; EP3089290B1

Designated contracting state (EPC)  
DE FR GB

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