

Title (en)  
Spark plug

Title (de)  
Zündkerze

Title (fr)  
Bougie d'allumage

Publication  
**EP 1414121 A1 20040428 (EN)**

Application  
**EP 02023825 A 20021023**

Priority  
EP 02023825 A 20021023

Abstract (en)  
A bonding cap (2) has a tip release hole (22) at the center, fixing legs (23) spaced along the top portion and pointed-topped discharge dots that enable concentrated discharge. The bonding cap is mounted over the central tip (15) of the spark plug (1) and defines a room that functions a precombustion chamber (3) forming spaces (31) between legs to enable good heat radiation and smooth air flow.

IPC 1-7  
**H01T 13/54**; **H01T 13/46**

IPC 8 full level  
**H01T 13/46** (2006.01); **H01T 13/54** (2006.01)

CPC (source: EP)  
**H01T 13/467** (2013.01); **H01T 13/54** (2013.01)

Citation (search report)  
• [A] US 4808878 A 19890228 - KASHIWARA TAKEAKI [JP], et al  
• [A] US 1360294 A 19201130  
• [A] FR 1013076 A 19520722

Cited by  
CN104088747A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)  
**EP 1414121 A1 20040428**; **EP 1414121 B1 20060329**; AT E322097 T1 20060415; DE 60215666 D1 20061207; DE 60215666 T2 20070215

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