

Title (en)  
IGNITION WIRE TERMINAL

Publication  
**EP 0093300 B1 19890927 (EN)**

Application  
**EP 83103718 A 19830418**

Priority  
US 37337682 A 19820430

Abstract (en)  
[origin: EP0093300A2] A one piece ignition wire terminal which does not require a separate spring to provide dependable retaining force to a terminal, and which may be used either as a straight ignition wire terminal or a bent ignition wire terminal, is crimped to an ignition cable over only a portion of its crimping area, to increase the retention of the terminal to the cable. The terminal includes a barrel portion with an integral spring formed by cutting a generally U-shaped slot in the material of the terminal, forming a spring tongue portion, which is provided with a radial projection. The radial projection may be directed inwardly, for use with a conventional spark plug-type terminal, or outwardly, for use with a conventional distributor socket. The ignition terminal is made usable either as a straight terminal or a bent terminal by providing it with three deformed sections in an intermediate channel section, including inward facing deformations at the edges of the channel, and a third inward deformation of the bottom of the channel. The resulting intermediate section is not significantly weakened, and may be made into a bent section by bending in the direction that places the third deformation at the apex of an acute angle. The crimpable area of the terminal may be crimped to an ignition cable over only approximately one-half of its length, the uncrimped length forming a diverging funnel portion adjacent the end of the ignition cable.

IPC 1-7  
**H01R 4/18**; **H01T 13/04**

IPC 8 full level  
**H01T 13/04** (2006.01); **H01R 4/18** (2006.01)

CPC (source: EP)  
**H01R 24/20** (2013.01); **H01T 13/04** (2013.01); **H01R 4/18** (2013.01); **H01R 2101/00** (2013.01)

Cited by  
DE4138071C1; EP0328467A1; FR2627021A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0093300 A2 19831109**; **EP 0093300 A3 19870114**; **EP 0093300 B1 19890927**; DE 3380657 D1 19891102; JP H0139637 B2 19890822; JP S58198885 A 19831118; MX 153551 A 19861112

DOCDB simple family (application)  
**EP 83103718 A 19830418**; DE 3380657 T 19830418; JP 7313483 A 19830427; MX 19711583 A 19830429