

Title (en)

Spark plug device

Title (de)

Zündkerzenvorrichtung

Title (fr)

Arrangement de bougie d'allumage

Publication

EP 0619631 B1 19971015 (EN)

Application

EP 94105175 A 19940331

Priority

JP 10363693 A 19930405

Abstract (en)

[origin: EP0619631A1] There is disclosed a spark plug device wherein an ignition cable (11) and a spark plug body (13) connected to each other through a terminal fixture (12) are covered with a tubular plug cap (14), on which a rubber cap (15) and a rain cap (16) are mounted at its respective ends, and an insulating cover (17) is fitted in the inner peripheral surface of the plug cap (14) in a portion corresponding to the terminal fixture (12) to fill a gap external to the terminal fixture (12), whereby the spark plug device prevents corona discharge adjacent the terminal fixture and has excellent durability and reliable insulation. <IMAGE>

IPC 1-7

H01T 13/06

IPC 8 full level

F02P 13/00 (2006.01); **F23Q 3/00** (2006.01); **H01R 4/70** (2006.01); **H01T 13/06** (2006.01); **F02B 1/04** (2006.01)

CPC (source: EP)

H01T 13/06 (2013.01); **F02B 1/04** (2013.01); **F02B 2275/18** (2013.01)

Cited by

EP0793319A1; US5716223A; EP0716482A1; US5706569A

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0619631 A1 19941012; **EP 0619631 B1 19971015**; DE 69406171 D1 19971120; DE 69406171 T2 19980305; JP H06295756 A 19941021

DOCDB simple family (application)

EP 94105175 A 19940331; DE 69406171 T 19940331; JP 10363693 A 19930405