

Title (en)

IGNITION DEVICE FOR A HIGH-FREQUENCY IGNITION

Title (de)

ZÜNDVORRICHTUNG FÜR HOCHFREQUENZ-ZÜNDUNG

Title (fr)

DISPOSITIF D'ALLUMAGE POUR ALLUMAGE HAUTE FREQUENCE

Publication

EP 1053399 B1 20040324 (DE)

Application

EP 99953706 A 19990903

Priority

- DE 9902793 W 19990903
- DE 19852652 A 19981116

Abstract (en)

[origin: DE19852652A1] The invention relates to an ignition device with a high-frequency resonator. According to the invention, the resonator can be configured as a microstrip (12) on a printed board (100) (figure 3). Several resonators can be connected in a structure to the HF source via pin diodes. The resonator is electrically isolated at its cold end but is returned to earth via a capacitor in terms of high frequency. In this manner, ionic currents can be easily coupled thereto once an auxiliary voltage is applied.

IPC 1-7

F02P 23/04

IPC 8 full level

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DE 19852652 A1 20000518; BR 9907012 A 20001017; DE 59908953 D1 20040429; EP 1053399 A1 20001122; EP 1053399 B1 20040324; JP 2002530572 A 20020917; KR 20010034119 A 20010425; US 6357426 B1 20020319; WO 0029746 A1 20000525

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DE 19852652 A 19981116; BR 9907012 A 19990903; DE 59908953 T 19990903; DE 9902793 W 19990903; EP 99953706 A 19990903; JP 2000582711 A 19990903; KR 20007007732 A 20000713; US 60051300 A 20000830