

Title (en)

Ignition electrode with heating device.

Title (de)

Zündelektrode mit Heizeinrichtung.

Title (fr)

Electrode d'amorçage avec dispositif de chauffage.

Publication

**EP 0505696 A2 19920930 (DE)**

Application

**EP 92101758 A 19920204**

Priority

DE 4108034 A 19910313

Abstract (en)

Ignition electrodes which are subjected to atmospheres containing soot are equipped with an insulator (20, 16) which can be heated. In order to regulate the heating power, a method is proposed in which the temperature on the heating winding (20) is measured at regular intervals by means of resistance-temperature-measuring methods (28), and the voltage supply to the winding is regulated in a corresponding manner. <IMAGE>

Abstract (de)

Rußatmosphären ausgesetzte Zündelektroden werden mit einem beheizbaren Isolator (20, 16) ausgestattet. Zur Regelung der Heizleistung wird ein Verfahren vorgeschlagen, bei dem mittels widerstandstemperatur-Meßmethoden (28) die Temperatur an der Heizwicklung (20) in regelmäßigen Abständen gemessen und die Spannungszufuhr zur Wicklung entsprechend geregelt wird. <IMAGE>

IPC 1-7

**H05B 1/02**

IPC 8 full level

**F02P 15/00** (2006.01); **H01T 13/18** (2006.01)

CPC (source: EP)

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Cited by

CN109962408A; US8641411B2; US7243489B2; US7628011B2; US7118613B2; US7581389B2; WO2009091468A3; US7685811B2; US7025810B2; US7908847B2; US8789363B2; US9328640B2

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