

Title (en)

METHOD AND DEVICE FOR SUPPLYING ELECTRICAL POWER TO ELECTRICAL CONSUMERS IN OR ON A PNEUMATIC DEVICE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VERSORGUNG VON ELEKTRISCHEN VERBRAUCHERN IN ODER AN EINER PNEUMATISCHEN VORRICHTUNG MIT ELEKTRISCHER VERSORGUNGSENERGIE

Title (fr)

PROCEDE ET DISPOSITIF DESTINES A ALIMENTER EN ENERGIE ELECTRIQUE DES DISPOSITIFS CONSOMMATEURS D'ELECTRICITE SITUES DANS UN APPAREIL PNEUMATIQUE OU ASSOCIES A CE DERNIER

Publication

**EP 1127221 B1 20040414 (DE)**

Application

**EP 00960546 A 20000830**

Priority

- DE 19942509 A 19990907
- EP 0008433 W 20000830

Abstract (en)

[origin: US6581619B1] A method and a device for the supply of electrical loads in or on a pneumatic device with electrical power energy. The pneumatic device is connected by way of a pneumatic line with a source of pressure. The transmission of power energy to the pneumatic device takes place using acoustic waves, microwaves, changes in pressure or a flow of gas in the pneumatic line. Conversion of such transmitted energy into the electrical supply energy occurs in or on the pneumatic device. This means that electrical lines for electrical power supply may be dispensed with and that the transmission of energy takes place only by way of the pneumatic line.

IPC 1-7

**F15B 21/00**; H04B 11/00; G08C 23/02

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

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