

Title (en)

A DETONATION INITIATING DEVICE

Title (de)

VORRICHTUNG ZUR INITIERUNG VON DETONATIONEN

Title (fr)

DISPOSITIF DECLENCHANT UNE DETONATION

Publication

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Application

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Abstract (en)

[origin: WO0037395A1] This invention provides a detonation initiating device for a detonator, the device including two spaced electrical conductors; a resistive substance extending between the electrical conductors, for releasing energy upon application of an electrical current to the resistive substance; and an explosive composition including diazodinitrophenol (DDNP), covering the resistive substance. The explosive composition includes DDNP in fine particulate form as well as in a relatively larger particulate form. The detonation initiating device according to the invention, is not only very stable and resistant to accidental explosion, but also very reliable due to the presence of the fine particulate DDNP. Furthermore, the explosive composition of the detonation initiating device can be initiated even at the low energy levels at which electronic initiating devices usually operate.

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