

ABSTRACT

**ELECTRIC DETONATOR AND METHOD FOR PRODUCING AN ELECTRIC
DETONATOR**

The present invention relates to an electric detonator (1) comprising a cap (2), comprising a priming charge (3) and an electrode (4), comprising a positive pole, a negative pole and a resistor element (8), the said priming charge (3) comprising at least two primary explosives, a first primary explosive (9) and a second primary explosive (10), and at least one secondary explosive (11). The electric detonator is characterized in that the two primary explosives (9, 10) and the secondary explosive (11) are arranged in layers, in an increasing degree of sensitivity, bearing one against the other, wherein the first primary explosive (9), constituting the most sensitive of the two primary explosives (9, 10), is arranged closest to the resistor element (8), and in that the second primary explosive (10) is arranged thereafter between the first primary explosive (10) and the secondary explosive (11). The invention also relates to a production method for the said electric detonator (1).

Fig. 1