Title (en)

INSTALLATION FOR PROGRAMMABLE PYROTECHNIC SHOT FIRING

Title (de)

ANLAGE FÜR PROGRAMMIERBARE PYROTECHNISCHE ABSCHÜSSE

Title (fr)

INSTALLATION DE TIRS PYROTECHNIQUES PROGRAMMABLES

Publication

EP 1456598 A1 20040915 (FR)

Application

EP 02793234 A 20021114

Priority

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Abstract (en)

[origin: US2005016407A1] Programmable pyrotechnical firing installation comprising a programming and firing control unit (8), a programming and control line comprising two conductor wires (6a, 6b) and a plurality of electronic detonators (4) mounted in parallel on this two-wire line, wherein the programming unit (8) comprises means (9, 10) for establishing a continuous voltage between the two wires (6a, 6b), means (9, 10) for producing pulses of this voltage so as to form coded signals, and means (11, 9) for reading the current variations existing on the two-wire line, wherein every detonator comprises an electronic module (12) that has means (14, 17) suitable for producing, in response to certain of the coded signals of the programming unit (8), current pulses in the two-wire line (6a, 6b) for forming coded signals.

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