

Title (en)

ELECTRIC DETONATOR AND LEAD CONNECTOR ASSEMBLY

Title (de)

ELEKTRONISCHE ZÜNDKAPSEL UND DRADTVERBINDUNGSEINHEIT

Title (fr)

ENSEMBLE DETONATEUR ELECTRIQUE ET CONNECTEUR POUR LES CONDUCTEURS

Publication

EP 0835417 A1 19980415 (EN)

Application

EP 95911921 A 19950224

Priority

US 9502325 W 19950224

Abstract (en)

[origin: WO9626411A1] A detonator assembly wherein the electrical leads are attached to an electrical connector which maintains the ends of the leads in non-conductive, waterproof condition and which permits the leads to be spliced to another pair of electric leads without any splicing tools. The length of the electrical leads is selected to permit the assembly to be inserted in a booster charge so that the electrical connector is contained entirely within the throughbore in the booster charge. Packaging for such detonator assemblies includes at least one tray integrally formed of fire retardant material. The detonator assemblies fit snugly in parallel elongate recesses in the top of the tray so that when the tray is tipped or inverted the detonators will remain in position. The detonator assemblies are arranged in alternating fashion so that the detonator ends of adjacent assemblies are at opposite sides of the tray. Further, the recesses in each tray are spaced apart to maintain the detonators about one inch apart, and each tray is about one-inch thick so that detonators in adjacent stacked trays also are at least an inch apart.

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IPC 8 full level

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CPC (source: EP)

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