

Title (en)

Multiway connector and process for transmitting pyrotechnical signals.

Title (de)

Mehrweg-Verbinder und Verfahren zum Übertragen pyrotechnischer Signale.

Title (fr)

Raccord multivoies et procédé de communication d'ordres pyrotechniques.

Publication

**EP 0030189 A1 19810610 (FR)**

Application

**EP 80401691 A 19801127**

Priority

FR 7929658 A 19791203

Abstract (en)

[origin: US4404910A] The invention relates to a multichannel connection and to a method for transmitting pyrotechnic orders. This connection is constituted by a detonating cutting cord incorporated into a support provided with the same number of openings as there are transmission channels which, on the basis of a single pyrotechnic signal performs a plurality of terminal functions, the connection making it possible to eliminate a certain number of components for distributing and receiving pyrotechnic orders in a logic having a plurality of pyrotechnic chains. The invention is particularly applicable to the separation and removal of the cover or cone of a ballistic missile.

Abstract (fr)

Un cordeau détonant de découpage (1) en forme de dièdre (3) est enfermé dans un support (5) muni d'ouvertures (4) en nombre égal au nombre de voies de communication, donc accomplissant à partir d'un seul signal pyrotechnique une pluralité de fonctions terminales. Le raccord (105) permet de supprimer en plus un certain nombre d'éléments pour distribuer et recevoir des ordres pyrotechniques dans une logique comportant plusieurs chaînes pyrotechniques. Application à la séparation et l'éloignement de la coiffe d'un engin balistique.

IPC 1-7

**F42D 1/04**; **F42B 15/00**

IPC 8 full level

**F42B 15/36** (2006.01); **F42D 1/04** (2006.01)

CPC (source: EP US)

**F42B 15/36** (2013.01 - EP US); **F42D 1/04** (2013.01 - EP US); **F42D 1/043** (2013.01 - EP US)

Citation (search report)

- US 3374737 A 19680326 - PIKE EARL A
- US 3460477 A 19690812 - HEIDEMANN WILLIAM B, et al
- US 3991679 A 19761116 - SAVITT JACOB, et al
- US 3896731 A 19750729 - KILMER EARL E
- FR 95741 E 19710604 - RUGGIERI ETS [FR]
- US 4060033 A 19771129 - POSTUPACK CONSTANTINE, et al

Cited by

FR2710738A1; WO8703954A1

Designated contracting state (EPC)

BE CH DE GB IT NL

DOCDB simple family (publication)

**EP 0030189 A1 19810610**; **EP 0030189 B1 19831102**; DE 3065483 D1 19831208; FR 2471009 A1 19810612; FR 2471009 B1 19831209; US 4404910 A 19830920

DOCDB simple family (application)

**EP 80401691 A 19801127**; DE 3065483 T 19801127; FR 7929658 A 19791203; US 21081680 A 19801126