

Title (en)

Automatic ejection device for the container of a load such as a sonar buoy.

Title (de)

Automatische Abwurfvorrichtung für den Behälter einer Ladung, z.B. einer Sonarboje.

Title (fr)

Dispositif d'éjection automatique du conteneur d'une charge telle qu'une bouée d'écoute.

Publication

**EP 0019519 A1 19801126 (FR)**

Application

**EP 80400617 A 19800507**

Priority

FR 7911825 A 19790510

Abstract (en)

[origin: US4360117A] An assembly of a payload and container is described whereby a payload support having a base with a perimeter enclosed by a sidewall forming a cup for receiving a tubular container is provided. A first and second tie are connected to one end of the tubular container, and are terminated in an elastic ring. The first and second ties have a length which will permit the elastic ring to be placed in an annular groove in the exterior sidewall of the cup, thereby fixing the payload support to the container. During free flight of the assembly, air flow moves the first and second ties away from the container freeing the elastic ring from the annular groove in the cup whereby the container separates from the payload support.

Abstract (fr)

Le dispositif comprend un support de conteneur solidaire de la charge (3) et au moins deux languettes (7) souples ayant chacune une extrémité reliée au conteneur, tandis que l'autre extrémité est reliée à un organe élastique disposé dans le creux d'une nervure (9) annulaire extérieure ménagée dans le support de charge. Applications notamment aux charges destinées à être larguées à partir d'aéronefs.

IPC 1-7

**B63B 21/52**

IPC 8 full level

**B63B 22/00** (2006.01)

CPC (source: EP US)

**B63B 22/003** (2013.01 - EP US)

Citation (search report)

- FR 2315428 A1 19770121 - CIT ALCATEL [FR]
- FR 2350245 A1 19771202 - CIT ALCATEL [FR], et al
- US 3646505 A 19720229 - KIRBY WOODROW P
- FR 1350863 A 19640131 - ELECTRONIQUE APPLIQUEE
- FR 1350865 A 19640131 - ELECTRONIQUE APPLIQUEE

Cited by

GB2248804A; CN114084285A

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

**EP 0019519 A1 19801126; EP 0019519 B1 19831026**; AU 529569 B2 19830609; AU 5833280 A 19801113; DE 3065411 D1 19831201; FR 2456049 A1 19801205; FR 2456049 B1 19830304; US 4360117 A 19821123

DOCDB simple family (application)

**EP 80400617 A 19800507**; AU 5833280 A 19800512; DE 3065411 T 19800507; FR 7911825 A 19790510; US 14880680 A 19800512