

Title (en)

Device for pyrotechnical cutting of non-metallic parts

Title (de)

Vorrichtung zum pyrotechnischen Schneiden von nicht metallischen Stücken

Title (fr)

Dispositif de découpe pyrotechnique de pièces non métalliques

Publication

EP 0962743 A1 19991208 (FR)

Application

EP 99401322 A 19990601

Priority

FR 9806899 A 19980602

Abstract (en)

The cutter comprises a pyrotechnic expansion tube (16) fitted in a gap between two components (10, 18) of which at least one is to be cut along a line (12) by the force of the expanding tube. The component to be cut consists of a nonmetallic material, and a cutting member (32) with at least one cutting edge (34) is incorporated between it and the expansion tube. The cutting member can be made from a deformable or indeformable material and is situated wholly within the space (28) between the components.

IPC 1-7

F42B 15/38

IPC 8 full level

F42B 15/38 (2006.01)

CPC (source: EP US)

F42B 15/38 (2013.01 - EP US)

Citation (applicant)

- US 3486410 A 19691230 - DREXELIUS VICTOR W, et al
- US 3453960 A 19690708 - QUALLS HAROLD W
- US 3698281 A 19721017 - BRANDT OSCAR E, et al
- FR 2598796 A1 19871120 - AEROSPATIALE [FR]
- EP 0273061 A1 19880706 - MC DONNELL DOUGLAS CORP [US]

Citation (search report)

- [A] US 4314500 A 19820209 - HOPPE JAMES C
- [AD] EP 0273061 A1 19880706 - MC DONNELL DOUGLAS CORP [US]
- [AD] US 3486410 A 19691230 - DREXELIUS VICTOR W, et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

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