

Title (en)

Pyrotechnic device for connection and delay

Title (de)

Pyrotechnisches Verbindungs- und Verzögerungselement

Title (fr)

Dispositif pyrotechnique de connexion et de retard

Publication

EP 1079200 B1 20041013 (FR)

Application

EP 00410101 A 20000823

Priority

FR 9910880 A 19990824

Abstract (en)

[origin: EP1079200A1] The connector consists of a tube (12) with an inner cylinder (11) which has its cavity divided into two sections (13, 14) by a middle partition (15) and lined with a highly inflammable material (2). Two fuses (4, 5) are inserted into the cavities and held in place by end caps (3), while the inner cylinder's outer surface has a spiral groove (16) containing a slow-burning material, such as a compacted powder. The groove is connected to the two inner cavities by a hole (17, 18) at each end.

IPC 1-7

F42D 1/06; **F42B 4/24**

IPC 8 full level

F42B 4/24 (2006.01); **F42D 1/06** (2006.01)

CPC (source: EP US)

F42B 4/24 (2013.01 - EP US); **F42D 1/06** (2013.01 - EP US)

Cited by

FR2839146A1; AU2003249387B2; WO2014012816A1; WO03095934A1; WO2022069784A1

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DOCDB simple family (publication)

EP 1079200 A1 20010228; **EP 1079200 B1 20041013**; **EP 1079200 B9 20050105**; AT E279710 T1 20041015; DE 60014810 D1 20041118; DE 60014810 T2 20060309; ES 2228432 T3 20050416; FR 2797947 A1 20010302; FR 2797947 B1 20011116; US 6499405 B1 20021231

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