

Title (en)

DEVICE FOR RETAINING ELECTRIC IGNITERS IN ASSOCIATION WITH A CARTRIDGE OF EXPLOSIVES

Publication

EP 0385612 A3 19911204 (EN)

Application

EP 90301597 A 19900214

Priority

GB 8904636 A 19890301

Abstract (en)

[origin: EP0385612A2] A device for positioning and retaining plurality of electrically actuatable ignition assemblies (5), suitable for use in blasting operations in association with a cartridge of explosive (11) comprises a housing (1) consisting of first and second housing portions (2, 3). In use one end (12) of the cartridge of explosive (11) is retained by the first housing portion (2) by an interference fit, whilst the second portion (3) includes a chamber (10) for receiving and positioning the igniter assemblies (5) adjacent the end (12) of the cartridge (11). The housing (1) is fitted to the end of the cartridge (11) and a plurality of holes are formed therein for insertion of a plurality of detonators into the cartridge (11). The igniter assemblies (5) may then be located in the chamber (10). A supply conductor extends through the igniter assemblies (5) via channels (6) formed in the housing (1), and a nose cap (7) is fitted to the top of the device.

IPC 1-7

F42B 3/26; F42D 1/04

IPC 8 full level

F42B 3/26 (2006.01)

CPC (source: EP)

F42B 3/26 (2013.01)

Citation (search report)

- [A] GB 2092720 A 19820818 - BETTIX LTD, et al
- [A] BE 462605 A
- [A] GB 693795 A 19530708 - ICI LTD
- [A] GB 2032067 A 19800430 - DU PONT CANADA

Designated contracting state (EPC)

DE ES FR GR IT SE

DOCDB simple family (publication)

EP 0385612 A2 19900905; EP 0385612 A3 19911204; GB 2228784 A 19900905; GB 8904636 D0 19890412; GB 9003350 D0 19900411; NO 900810 D0 19900220; NO 900810 L 19900903; ZA 901323 B 19901128; ZM 690 A1 19901026; ZW 2190 A1 19901024

DOCDB simple family (application)

EP 90301597 A 19900214; GB 8904636 A 19890301; GB 9003350 A 19900214; NO 900810 A 19900220; ZA 901323 A 19900221; ZM 690 A 19900221; ZW 2190 A 19900226