Title (en)

GUN BARREL MADE OF FIBRE-REINFORCED PLASTIC

Publication

EP 0402713 A3 19920311 (DE)

Application

EP 90110418 A 19900601

Priority

- DE 3919439 A 19890614
- DE 3922271 A 19890706

Abstract (en)

[origin: EP0402713A2] To increase the strength of a gun barrel (1) in the region of the ignition plane where the orthogonally laid glass-fibre rovings are partially destroyed by the bores (5) for the ignition tubes (10), a corrugated thickening (7) of the gun-barrel reinforcement is provided. In this wall region, the ignition tubes can be fastened (screwed in) sufficiently securely, so that only an elastic gasket (16) has to be provided between the head (17) of the ignition tube (10) and the ignition ring (12), but there is no need for any mechanical fastening. This affords considerable advantages in terms of production. <IMAGE>

IPC 1-7

F41A 21/02

IPC 8 full level

F41A 21/02 (2006.01); **F41A 21/20** (2006.01)

CPC (source: EP KR)

F41A 21/02 (2013.01 - EP); **F41A 21/20** (2013.01 - KR)

Citation (search report)

- [AD] DE 3048596 A1 19820701 - DYNAMIT NOBEL AG [DE]
- [A] US 4685236 A 19870811 - MAY SAM [US]
- [A] DE 130993 C

Designated contracting state (EPC)

CH DE IT LI NL

DOCDB simple family (publication)

EP 0402713 A2 19901219; **EP 0402713 A3 19920311**; **EP 0402713 B1 19940810**; DE 3922271 A1 19910103; DE 59006743 D1 19940915; JP 2846066 B2 19990113; JP H0339895 A 19910220; KR 0175297 B1 19990218; KR 910001350 A 19910130

DOCDB simple family (application)

EP 90110418 A 19900601; DE 3922271 A 19890706; DE 59006743 T 19900601; JP 15010190 A 19900611; KR 900008724 A 19900614