

Title (en)
Projectile propulsive device.

Title (de)
Abschussvorrichtung für Geschosse.

Title (fr)
Dispositif de lancement d'un projectile.

Publication
EP 0140657 A1 19850508 (EN)

Application
EP 84307195 A 19841018

Priority
GB 8327990 A 19831019

Abstract (en)
A projectile propulsive device for propelling a projectile under the action of fluid under pressure comprises a barrel (11) having an axial bore in which a projectile (53) to be propelled is in use located, and a pressurised fluid supply for supplying fluid under pressure to the bore of the barrel (11) through a supply aperture (30) in the barrel (11) whereby in operation fluid under pressure from the supply flows through the supply aperture (30) to act on the base of the projectile to bring the projectile in the barrel to a predetermined axial velocity. To impart spin to the projectile (53), fluid under pressure from the supply is directed into the bore of the barrel (11) through the supply aperture (30) tangentially or partially tangentially with respect to the bore of the barrel (11).

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F41F 1/04

IPC 8 full level
F41B 11/00 (2013.01)

CPC (source: EP)
F41B 11/00 (2013.01)

Citation (search report)
• [Y] DE 303807 C
• [Y] EP 0037870 A1 19811021 - PLUMETTAZ SA [CH]
• [A] GB 2105826 A 19830330 - CAMPBELL COLIN IAN, et al
• [A] DE 72846 C
• [A] US 542174 A 18950702
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Designated contracting state (EPC)
BE CH DE FR IT LI NL SE

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EP 0140657 A1 19850508; GB 2148466 A 19850530; GB 8426331 D0 19841121; JP S60101499 A 19850605

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