

Title (en)
LOW SPIN SABOT

Title (de)
TREIBKÄFIG MIT GERINGEM SPIN

Title (fr)
SABOT FAIBLE ROTATION

Publication
EP 1092122 A4 20011219 (EN)

Application
EP 99930494 A 19990621

Priority

- US 9913970 W 19990621
- US 9124398 P 19980630
- US 15085098 A 19980910

Abstract (en)
[origin: WO0000780A1] A discardable sabot includes first and second supports (50, 52) dimensioned to cooperate with an inner surface of a weapon barrel. At least one of the supports is a sealing support (52), configured to provide a substantially gas-tight seal with the barrel (12) and effective to allow the sabot and the projectile (28) to be propelled forward through the barrel by expansion of propellant gas behind the sealing support. The sabot includes surfaces (100) for permitting a flow of a portion of the gas through the sabot while redirecting such portion at least partially transverse to the longitudinal barrel axis so that the flow applies a torque to the projectile about the axis during travel of the sabot and the projectile between the chamber (14) and muzzle (16).

IPC 1-7
F42B 14/06

IPC 8 full level
F42B 14/06 (2006.01)

CPC (source: EP)
F42B 14/061 (2013.01)

Citation (search report)

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- [Y] US 4187783 A 19800212 - BANNAT JOHN W [US], et al
- [A] US 4314510 A 19820209 - JETER THOMAS R, et al
- [A] US 4936220 A 19900626 - BURNS BRUCE P [US], et al
- [A] EP 0281462 A1 19880907 - FRANCE ETAT [FR]
- See references of WO 0000780A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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