

Title (en)
Projectile with sabot.

Title (de)
Treibkäftigeschoss.

Title (fr)
Projectile à sabot.

Publication
EP 0123266 A1 19841031 (DE)

Application
EP 84104378 A 19840418

Priority
DE 3314750 A 19830423

Abstract (en)
The point portion (15) of a reduced calibre projectile (10) has a discontinuous contour in the form of a circular groove (20). Thereby, a boundary layer is determined between a supersonic speed flow range and a subsonic speed flow range; thereby it is possible to eliminate perturbations due to the flow during the separation of the sabot segments, not shown, of the projectile (10).

Abstract (de)
Der Spitzenkörper 15 eines unterkalibrigen Geschosses 10 weist eine Konturdiskontinuität in Form der Kreisringnut 20 auf. Hierdurch wird eine Grenzschicht zwischen einem Über- und einem Unterschallgeschwindigkeitsströmungsbereich festgelegt; strömungsbedingte Störungen des gleichmäßigen Ablösens von nicht dargestellten Treibkäftigsegmenten vom Geschosß 10 lassen sich derart vermeiden.

IPC 1-7
F42B 13/02; **F42B 13/16**

IPC 8 full level
F42B 10/00 (2006.01); **F42B 10/38** (2006.01); **F42B 14/06** (2006.01)

CPC (source: EP KR)
F42B 10/00 (2013.01 - KR); **F42B 10/38** (2013.01 - EP); **F42B 12/24** (2013.01 - KR); **F42B 14/061** (2013.01 - EP)

Citation (search report)
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Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0123266 A1 19841031; **EP 0123266 B1 19870930**; AT E30081 T1 19871015; AU 2822484 A 19841119; AU 557827 B2 19870108; BR 8406813 A 19850319; DE 3314750 A1 19841025; DE 3466593 D1 19871105; DK 155857 B 19890522; DK 155857 C 19891002; DK 544884 A 19841115; DK 544884 D0 19841115; ES 287013 U 19851116; ES 287013 Y 19860616; GR 81472 B 19841211; IN 161067 B 19870926; JP S61500076 A 19860116; KR 850000664 A 19850228; PT 78472 A 19840501; PT 78472 B 19860320; TR 22229 A 19861009; WO 8404380 A1 19841108

DOCDB simple family (application)
EP 84104378 A 19840418; AT 84104378 T 19840418; AU 2822484 A 19840418; BR 8406813 A 19840418; DE 3314750 A 19830423; DE 3466593 T 19840418; DK 544884 A 19841115; EP 8400119 W 19840418; ES 287013 U 19840418; GR 840174442 A 19840417; IN 265CA1984 A 19840423; JP 50207084 A 19840418; KR 840002144 A 19840423; PT 7847284 A 19840423; TR 2222984 A 19840420