

Title (en)

Grooves for a gun barrel.

Title (de)

Waffenrohr mit optimiertem Drallverlauf.

Title (fr)

Rayures pour le tube d'une arme à feu.

Publication

EP 0437675 B1 19950111 (DE)

Application

EP 90118945 A 19901004

Priority

DE 4001130 A 19900117

Abstract (en)

[origin: EP0437675A2] To improve the lifetime of known gun barrels and to improve the ballistics of a projectile fired by them, according to the invention a gun barrel having optimised rifling is proposed. <??>An edge-force trend (R(x)) according to the invention, obtained from this rifling and taken along the gun barrel (x), exhibits an essentially trapezoidal trend, with a markedly reduced edge-force maximum in comparison with such edge-force trends of conventional riflings (constant rifling: dot-and-dash line; parabolic rifling: dashed line). <IMAGE>

IPC 1-7

F41A 21/18

IPC 8 full level

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CPC (source: EP US)

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Cited by

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