

Title (en)  
GROOVES FOR A GUN BARREL

Publication  
**EP 0437675 A3 19920506 (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  
**F41A 21/18** (2006.01)

CPC (source: EP US)  
**F41A 21/18** (2013.01 - EP US)

Citation (search report)

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