

Title (en)

Method for force fitting a tubular liner in the outer tubular case of a gun barrel

Title (de)

Verfahren zur Herstellung einer kraftschlüssigen Verbindung eines Futterrohres mit dem Mantelrohr einer Rohrwappe

Title (fr)

Méthode pour le montage à force d'une chemise tubulaire dans une enveloppe tubulaire d'un tube de canon

Publication

**EP 0935117 B1 20040225 (DE)**

Application

**EP 98124171 A 19981221**

Priority

DE 19804651 A 19980206

Abstract (en)

[origin: EP0935117A2] An improved method for re-sleeving firearms, especially tank gun barrels, has the sleeve cooled to less than minus 50 degrees C and aligned inside a heated muzzle. After alignment the center section of the muzzle is cooled, followed by the outer ends to shrink the muzzle onto the sleeve. The whole process is performed vertically and with the sleeve cooled by dry ice. Prior to insertion into the muzzle the outside of the sleeve is held inside a thermal cladding to prevent condensation.

IPC 1-7

**F41A 21/02**; **F41A 21/04**

IPC 8 full level

**F41A 21/02** (2006.01); **F41A 21/04** (2006.01)

CPC (source: EP US)

**F41A 21/04** (2013.01 - EP US)

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

**EP 0935117 A2 19990811**; **EP 0935117 A3 20000816**; **EP 0935117 B1 20040225**; DE 19804651 A1 19990812; DE 59810842 D1 20040401; US 6158158 A 20001212

DOCDB simple family (application)

**EP 98124171 A 19981221**; DE 19804651 A 19980206; DE 59810842 T 19981221; US 24592499 A 19990208