

Title (en)

Method for reducing the sagging of a gun barrel and device for putting into practice such a method

Title (de)

Verfahren zur Reduzierung des Durchganges eines Waffenrohres und Vorrichtung zur Durchführung des Verfahrens

Title (fr)

Méthode pour réduire l'affaissement d'un tube de canon et dispositif pour la mise en oeuvre d'une telle méthode

Publication

EP 1182418 A3 20021016 (DE)

Application

EP 01114617 A 20010619

Priority

DE 10041115 A 20000822

Abstract (en)

[origin: EP1182418A2] To reduce the droop in a gun barrel (1), caused by a temperature difference between the under side (9) and upper side (10) after firing a number of rounds, a gas at a given temperature is fed into the barrel after each round. The gas flow through the bore (7') prevents convection gas flows and temperature differences within the barrel. The gas, of compressed air or nitrogen, can be fed into the barrel from the breech or through a gas extraction unit at the barrel.

IPC 1-7

F41A 13/04

IPC 8 full level

F41A 13/00 (2006.01); **F41A 13/04** (2006.01)

CPC (source: EP KR)

F41A 13/00 (2013.01 - KR); **F41A 13/04** (2013.01 - EP)

Citation (search report)

- [X] US 5245905 A 19930921 - BUNDY MARK L [US]
- [X] FR 403918 A 19091118 - SOC D CONST DES BATIGNOLLES [FR]
- [X] GB 2341665 A 20000322 - RHEINMETALL W & M GMBH [DE]
- [X] FR 954264 A 19491221 - SKODA ETS
- [X] FR 1081766 A 19541222 - ODERO TERNI ORLANDO PER LA COS

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1182418 A2 20020227; **EP 1182418 A3 20021016**; DE 10041115 A1 20020307; KR 20020015644 A 20020228

DOCDB simple family (application)

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