

Title (en)

Apparatus and method for determining the wear of a weapon barrel

Title (de)

Vorrichtung und Verfahren zur Ermittlung des Verschleisses eines Gewehrslaufs

Title (fr)

Dispositif et procédé de détermination de l'usure d'un tube, tel un tube d'une arme

Publication

EP 1291599 B1 20051207 (FR)

Application

EP 02292181 A 20020905

Priority

FR 0111674 A 20010910

Abstract (en)

[origin: EP1291599A2] The wear detection mechanism has an internal tube wall. An endoscopic inspection tool inspects the internal tube path. The tool inspects along the tube with a rotating inspection head with a laser module measuring the internal wall distance. A calculator is connected to the moving section by a transmitter.

IPC 1-7

F41A 31/02

IPC 8 full level

F41A 31/02 (2006.01)

CPC (source: EP)

F41A 31/02 (2013.01)

Citation (examination)

- EP 0547227 A1 19930623 - KOBE STEEL LTD [JP]
- PATENT ABSTRACTS OF JAPAN vol. 016, no. 378 (P - 1402) 13 August 1992 (1992-08-13)
- PATENT ABSTRACTS OF JAPAN vol. 013, no. 027 (P - 815) 20 January 1989 (1989-01-20)

Cited by

CN115164640A; EP2957858A1; CN114322648A; CN115480012A; CN102162708A; EP2518430A2; FR3098293A1; WO2024044985A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

EP 1291599 A2 20030312; EP 1291599 A3 20030326; EP 1291599 B1 20051207; AT E312332 T1 20051215; DE 60207797 D1 20060112; DE 60207797 T2 20060706; FR 2829572 A1 20030314; FR 2829572 B1 20050325

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