

Title (en)

Method and device for the cooling of gun barrels

Title (de)

Verfahren und Vorrichtung zur Kühlung von Waffenrohren für Feuerwaffen

Title (fr)

Procédé et dispositif pour le refroidissement des tubes de canon

Publication

**EP 0973003 B1 20020918 (DE)**

Application

**EP 99112908 A 19990705**

Priority

CH 150498 A 19980714

Abstract (en)

[origin: EP0973003A1] A method for cooling the barrel in a rapid fire gun, e.g. a revolving barrel canon, has coolant pumped from a reservoir (7) and sprayed into the barrel prior to each discharge via a spray jet (16). The coolant is drawn from the reservoir and is compressed by a reciprocating piston (11). A non return valve (9) connects to the reservoir and a solenoid valve (15) controls the coolant spray into the barrel. The spray jet has a labyrinth duct to protect the system against back pressure during firing.

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