

Title (en)

Barrel for a paintball marker and paintball marker

Title (de)

Lauf für einen Paintball-Marker und Paintball-Marker

Title (fr)

Canon d'un marqueur de paint-ball et marqueur de paint-ball

Publication

**EP 2674719 A3 20150812 (DE)**

Application

**EP 13002957 A 20130608**

Priority

- DE 102012011633 A 20120611
- DE 102012016505 A 20120820

Abstract (en)

[origin: DE102012016505B3] The barrel has an inner surface (16) including a cross-section matched to a paintball (4), and a spiral design, which extends over a part of a length of the barrel and provides twist to the paintball. A cross-sectional shape (17) of the inner surface deviates from a circular cross-section over a part of a length of a ball guide region (12). The spiral design is formed by a region (B) of a spiral twist of the cross-sectional shape. A deviation of the cross-sectional shape from the circular cross-section is increased over a part (A) of the length of the ball guide region.

IPC 8 full level

**F41A 21/18** (2006.01); **F41B 11/89** (2013.01); **F41A 21/16** (2006.01); **F42B 12/40** (2006.01)

CPC (source: EP)

**F41A 21/16** (2013.01); **F41A 21/18** (2013.01); **F41B 11/89** (2013.01); **F42B 12/40** (2013.01)

Citation (search report)

- [XYI] US 2006254570 A1 20061116 - DILLON BURTON R JR [US]
- [XY] US 2009241932 A1 20091001 - LIAN SHENG-JEN [TW]
- [YA] US 2005066954 A1 20050331 - WILLIAMS DAN E [US]
- [IJ] WO 9920970 A1 19990429 - GALACTIC SYSTEMZ INC [US]
- [A] GB 1591226 A 19810617 - MINNESOTA MINING & MFG
- [A] US 2012132187 A1 20120531 - MURRAY ADAM M [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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