

Title (en)

MAGNETIC AMMUNITION FOR AIR GUNS AND BIODEGRADABLE MAGNETIC AMMUNITION FOR AIRGUNS

Title (de)

MAGNETISCHE MUNITION FÜR LUFTGEWEHRE UND BIOLOGISCH ABBAUBARE MAGNETISCHE MUNITION FÜR LUFTGEWEHRE

Title (fr)

MUNITION MAGNÉTIQUE POUR ARMES À AIR COMPRIMÉ ET MUNITION MAGNÉTIQUE BIODÉGRADABLE POUR ARMES À AIR COMPRIMÉ

Publication

**EP 3475645 A4 20200226 (EN)**

Application

**EP 17820952 A 20170621**

Priority

- US 201615195967 A 20160628
- US 2017038570 W 20170621

Abstract (en)

[origin: WO2018005196A1] A round for a magnetically chambered air gun has a magnetically influenced portion and a non-magnetically responsive portion, as well as an exterior shell and an interior. The interior may be hollow, solid, or filled with liquid. Any part of the invention may be the magnetically responsive portion: the shell, the interior, the solid or liquid core and so on. The round may advantageously be spherical, and may include an actual magnet itself as opposed to merely being magnetically responsive. Magnetic materials may be impregnated into a non-magnetic portion such as a plastic shell. The shell may be of multiple part construction allowing it to be shipped empty and filled at or closer to the location of use, with a snap together design. For liquid filled shells, a bladder and fill nipple may be provided. Fragmentation grooves may be provided in embodiments. The round of the invention may be biodegradable, recycled or refuse materials, with magnetic infusion into the mantle of paper, powder or compressed refuse or a magnetically influenced core.

IPC 8 full level

**F42B 6/10** (2006.01); **F42B 12/36** (2006.01); **F42B 12/46** (2006.01); **F42B 12/74** (2006.01); **F42B 12/76** (2006.01); **F42B 33/00** (2006.01)

CPC (source: EP IL)

**F42B 5/02** (2013.01 - IL); **F42B 6/10** (2013.01 - EP IL); **F42B 12/36** (2013.01 - EP IL); **F42B 12/46** (2013.01 - EP IL);  
**F42B 12/74** (2013.01 - EP IL); **F42B 12/76** (2013.01 - EP IL); **F42B 33/00** (2013.01 - IL); **F42B 33/00** (2013.01 - EP)

Citation (search report)

- [IY] US 6553913 B1 20030429 - WARDLAW MICHAEL J [US]
- [Y] US 2009013893 A1 20090115 - VASEL EDWARD J [US], et al

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

DOCDB simple family (publication)

**WO 2018005196 A1 20180104**; AU 2017291295 A1 20190117; AU 2017291295 B2 20211104; CA 3029567 A1 20180104;  
CA 3029567 C 20231003; CN 109564081 A 20190402; CN 109564081 B 20220408; EP 3475645 A1 20190501; EP 3475645 A4 20200226;  
IL 263866 A 20190131; IL 263866 B 20221101; IL 263866 B2 20230301; JP 2019527329 A 20190926; JP 6944199 B2 20211006;  
NZ 749503 A 20210430

DOCDB simple family (application)

**US 2017038570 W 20170621**; AU 2017291295 A 20170621; CA 3029567 A 20170621; CN 201780050145 A 20170621;  
EP 17820952 A 20170621; IL 26386618 A 20181220; JP 2018568304 A 20170621; NZ 74950317 A 20170621