

Title (en)

ENTIRELY COMBUSTIBLE INDUCTIVE PRIMER

Title (de)

VOLL VERBRENNBARER INDUKTIVER ANZÜNDER

Title (fr)

AMORCE INDUCTIVE COMPLETEMENT COMBUSTIBLE

Publication

**EP 1204840 A1 20020515 (DE)**

Application

**EP 00947974 A 20000712**

Priority

- DE 19936095 A 19990730
- DE 19956635 A 19991125
- EP 0006607 W 20000712

Abstract (en)

[origin: US6962112B1] A pyrotechnical primer for igniting propellant powder for sleeveless ammunition comprises an igniting element ( 4 ) and a coil ( 1 ). The energy required for triggering is transmitted in an electromagnetic manner (inductively). The inductive primer is cost-effective, entirely combustible, easy to produce and is not provided with residues that damage the functioning of the weapons. The primer has a base construction such that the primer can be used in all conventional weapons calibres. To this end, the ignition element ( 4 ) and the coil ( 1 ) are located on a mutual, flat, combustible consumable or support material ( 5 ).

IPC 1-7

**F42C 19/12; F41A 19/63**

IPC 8 full level

**C06B 45/12** (2006.01); **C06C 9/00** (2006.01); **F41A 19/63** (2006.01); **F42B 5/08** (2006.01); **F42C 19/12** (2006.01)

CPC (source: EP US)

**C06B 45/12** (2013.01 - EP US); **C06C 9/00** (2013.01 - EP US); **F41A 19/63** (2013.01 - EP US); **F42B 5/08** (2013.01 - EP US); **F42C 19/12** (2013.01 - EP US)

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