

Title (en)

PYROTECHNIC IGNITION DEVICE FOR PYROTECHNIC ARTICLES

Title (de)

PYROTECHNISCHE ZÜNDVORRICHTUNG FÜR PYROTECHNISCHE ARTIKEL

Title (fr)

DISPOSITIF D'ALLUMAGE PYROTECHNIQUE POUR ARTICLES PYROTECHNIQUES

Publication

**EP 3594611 A1 20200115 (EN)**

Application

**EP 18183175 A 20180712**

Priority

EP 18183175 A 20180712

Abstract (en)

The present invention relates to a pyrotechnic ignition device (7) for pyrotechnic articles (1), such as fireworks and flares. The ignition device comprises a fuse member (9) having an ignition portion (9a) and an ignition heat transmitting portion (9b), and an ignition heat receiving member (11, 13, 15) arranged to receive ignition heat from said ignition heat transmitting portion (9b) for ignition of the pyrotechnic article (1) when the ignition device (7) is situated in an ignition position. A movable member (27) of the ignition device (7) is movable under the action of gravity from said ignition position to a non-ignition position in which said fuse member (9) is prevented from transmitting ignition heat to said ignition heat receiving member (11, 13, 15).

IPC 8 full level

**F42C 15/184** (2006.01); **F42B 4/06** (2006.01); **F42B 4/22** (2006.01); **F42B 4/26** (2006.01); **F42C 15/188** (2006.01); **F42C 15/24** (2006.01); **F42C 15/34** (2006.01)

CPC (source: EP)

**F42B 4/06** (2013.01); **F42B 4/22** (2013.01); **F42B 4/26** (2013.01); **F42C 15/184** (2013.01); **F42C 15/188** (2013.01); **F42C 15/24** (2013.01); **F42C 15/34** (2013.01)

Citation (applicant)

CN 203349704 U 20131218 - LI BIN

Citation (search report)

- [XAI] US 4058060 A 19771115 - DUKIC FERDINANDO V
- [X] US 5044281 A 19910903 - RAMSAY PETER [AU], et al
- [A] US 2010282109 A1 20101111 - CALDWELL MARCUS L [US]
- [A] US 3086468 A 19630423 - GARRARD MOUNTJOY, et al
- [A] DE 443189 C 19270422 - VORMALS SKODAWERKE AG

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)

**EP 3594611 A1 20200115**

DOCDB simple family (application)

**EP 18183175 A 20180712**