

Title (en)
NON-INCENDIARY TRACERS

Title (de)
BRANDLOSE LEUCHTSPUR

Title (fr)
TRACEURS NON INCENDIAIRES

Publication
EP 3940331 A1 20220119 (EN)

Application
EP 20275120 A 20200716

Priority
EP 20275120 A 20200716

Abstract (en)
In some examples, a non-incendiary tracer projectile structure for housing an electrically powered illumination source comprises a jacket (100) comprising a generally pointed forward end (103) and a generally blunt rearward end (105) defining a rear opening (107), an internal retaining structure (109) disposed towards the rearward end of the jacket to support a protective window (111) that is transparent to a selected electromagnetic wavelength, wherein a portion (113) of the rearward end of the jacket tapers in a radially inward direction whereby to define a circumferential narrowing of the rear opening so configured as to mechanically protect the internal retaining structure.

IPC 8 full level
F42B 12/38 (2006.01)

CPC (source: EP)
F42B 12/382 (2013.01)

Citation (search report)

- [A] DE 102014111852 A1 20160225 - RHEINMETALL WAFFE MUNITION [DE]
- [A] EP 3457077 A1 20190320 - BAE SYSTEMS PLC [GB]
- [A] WO 2013133854 A1 20130912 - ARMTEC DEFENSE PRODUCTS CO [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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3940331 A1 20220119

DOCDB simple family (application)
EP 20275120 A 20200716