

Title (en)

APPARATUS FOR RELEASING FLUID TO THE ATMOSPHERE

Title (de)

VORRICHTUNG ZUR ABGABE VON FLÜSSIGKEIT IN DIE ATMOSPHERE

Title (fr)

APPAREIL DE LIBÉRATION DE FLUIDE DANS L'ATMOSPHERE

Publication

**EP 2963377 A2 20160106 (EN)**

Application

**EP 15174506 A 20150630**

Priority

US 201414319573 A 20140630

Abstract (en)

An apparatus (10) for releasing a fluid to the atmosphere comprises a housing (12) for the fluid. The housing can comprise a biodegradable polymer, or a polymer that has been adapted to biodegrade. The polymer can also comprise a component that is reflective to infrared radiation so as to prevent melting of the housing polymer during immersion in or whilst in proximity to flame. The apparatus further comprises a mechanism (30, 32, 42, 50, 56, 58) for causing the fluid to be released to the atmosphere from the housing. The mechanism can be housed in a second housing (14) that is detachably mounted to the first housing to define a housing unit. Further, a restraint mechanism (34) can be provided for regulating when the fluid is to be released from the housing to the atmosphere. The restraint mechanism can be deactivated once a certain force of apparatus impact with a surface has been reached.

IPC 8 full level

**F42B 12/46** (2006.01); **F42B 12/24** (2006.01); **F42B 30/10** (2006.01)

CPC (source: EP)

**F42B 12/24** (2013.01); **F42B 12/46** (2013.01); **F42B 30/10** (2013.01)

Citation (applicant)

- WO 2004003347 A1 20040108 - SNECMA MOTEURS [FR], et al
- RU 2146544 C1 20000320 - SUBRATOV ALEKSEJ ALEKSEEVICH, et al

Cited by

RU204334U1; CN112088859A; RU195554U1

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 2963377 A2 20160106; EP 2963377 A3 20160413**

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