

Title (en)

Solid fuel gas generator, extinguishing device, method for cooling a flowing mixture and method for extinguishing a fire

Title (de)

Feststoffgasgenerator, Löschvorrichtung, Verfahren zum Kühlen eines strömenden Gemischs und Verfahren zum Löschen eines Brandes

Title (fr)

Générateur de gaz solide, dispositif d'extinction, procédé de refroidissement d'un mélange pouvant s'écouler et procédé d'extinction d'un incendie

Publication

**EP 2708265 A3 20170322 (DE)**

Application

**EP 13004397 A 20130910**

Priority

DE 102012017968 A 20120912

Abstract (en)

[origin: EP2708265A2] The generator (10) has a cooling device (30) for cooling a flowing mixture (20). The cooling device comprises a supplying device (36) for supplying gas (38) from an environment (22) to the flowing mixture for mixing the flowing mixture before entering into the environment with the gas. The cooling device comprises a sealing unit (52) and an acceleration device (42) for accelerating the flowing mixture, and an introduction device (48) introduces the flowing mixture into the environment. The supplying device is radially arranged on a contact region (50). An independent claim is also included for a method for cooling a flowing mixture.

IPC 8 full level

**A62C 13/00** (2006.01); **A62C 13/20** (2006.01); **A62C 13/22** (2006.01); **A62C 99/00** (2010.01)

CPC (source: EP US)

**A62C 3/00** (2013.01 - US); **A62C 5/004** (2013.01 - US); **A62C 5/006** (2013.01 - EP US); **A62C 13/006** (2013.01 - US); **A62C 13/20** (2013.01 - US); **A62C 13/22** (2013.01 - EP US); **A62C 99/0009** (2013.01 - US); **A62C 99/0018** (2013.01 - US); **A62C 99/009** (2013.01 - US); **A62D 1/06** (2013.01 - US); **E03C 1/084** (2013.01 - US); **F23D 14/04** (2013.01 - US); **F23Q 25/00** (2013.01 - EP US)

Citation (search report)

- [XAI] WO 9315793 A1 19930819 - UNIPAS INC [US]
- [XAI] US 2005115722 A1 20050602 - LUND GARY K [US], et al
- [XAI] EP 0792777 A1 19970903 - MORTON INT INC [US]
- [XAI] US 5865257 A 19990202 - KOZYREV VALERIY NIKOLAEVITCH [RU], 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 2708265 A2 20140319**; **EP 2708265 A3 20170322**; DE 102012017968 A1 20140313; US 2014076586 A1 20140320; US 9283414 B2 20160315

DOCDB simple family (application)

**EP 13004397 A 20130910**; DE 102012017968 A 20120912; US 201314024091 A 20130911