

Title (en)

Multi-stage inerting method for preventing and extinguishing fires in enclosed spaces

Title (de)

Mehrstufiges Inertisierungsverfahren zur Brandverhütung und Brandlöschung in geschlossenen Räumen

Title (fr)

Procédé d'inertisation à plusieurs étapes pour la prévention et l'extinction des incendies dans des locaux fermes

Publication

EP 1911498 B1 20090121 (DE)

Application

EP 06122142 A 20061011

Priority

EP 06122142 A 20061011

Abstract (en)

[origin: EP1911498A1] The inertization process involves decreasing oxygen concentration in the protective room from a base inertization level to a first lowered level in the event of a fire in the protective room. The oxygen concentration in the protective room is maintained at the first lowered level for a preset time interval. The oxygen concentration is decreased to a full inertization level if the fire has not been extinguished by the time the preset time interval has elapsed.

IPC 8 full level

A62C 99/00 (2010.01)

CPC (source: BR EP KR NO US)

A62C 2/00 (2013.01 - KR); **A62C 3/00** (2013.01 - KR); **A62C 99/00** (2013.01 - KR NO); **A62C 99/0018** (2013.01 - BR EP US)

Cited by

EP2602006A1; EP2200709A4; CN103974748A; AU2012348768B2; WO2013083324A1; US9707423B2; US10052509B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1911498 A1 20080416; **EP 1911498 B1 20090121**; AT E421361 T1 20090215; AU 2007306567 A1 20080417; AU 2007306567 B2 20120329; BR PI0707053 A2 20110419; BR PI0707053 B1 20181106; CA 2637601 A1 20080417; CA 2637601 C 20110524; CN 101378811 A 20090304; CN 101378811 B 20121205; DE 502006002728 D1 20090312; DK 1911498 T3 20090525; ES 2318686 T3 20090501; HK 1116119 A1 20081219; JP 2010501222 A 20100121; JP 5322233 B2 20131023; KR 101359885 B1 20140206; KR 20090092691 A 20090901; NO 20084169 L 20081003; NO 339386 B1 20161205; PL 1911498 T3 20090731; PT 1911498 E 20090429; RU 2008130935 A 20100210; RU 2405605 C2 20101210; SI 1911498 T1 20090430; UA 92053 C2 20100927; US 2008087445 A1 20080417; US 7726410 B2 20100601; WO 2008043586 A1 20080417

DOCDB simple family (application)

EP 06122142 A 20061011; AT 06122142 T 20061011; AU 2007306567 A 20070802; BR PI0707053 A 20070802; CA 2637601 A 20070802; CN 200780004036 A 20070802; DE 502006002728 T 20061011; DK 06122142 T 20061011; EP 2007058027 W 20070802; ES 06122142 T 20061011; HK 08105680 A 20080522; JP 2009524999 A 20070802; KR 20087019772 A 20070802; NO 20084169 A 20081003; PL 06122142 T 20061011; PT 06122142 T 20061011; RU 2008130935 A 20070802; SI 200630181 T 20061011; UA A200808906 A 20070802; US 87087107 A 20071011