

Title (en)
INERTING METHOD FOR PREVENTING FIRES

Title (de)
INERTISIERUNGSVERFAHREN ZUR BRANDVERMEIDUNG

Title (fr)
PROCEDE D'INERTISATION POUR PREVENIR UN INCENDIE

Publication
EP 1838396 B1 20090923 (DE)

Application
EP 06700499 A 20060113

Priority
• EP 2006000267 W 20060113
• DE 102005002172 A 20050117

Abstract (en)
[origin: WO2006074942A1] The invention relates to an inerting method for preventing fires or explosions in a closed protected area, whereby the oxygen content in the protected area is reduced as compared to the surrounding atmosphere. The aim of the invention is to effectively prevent fires even when gases escape from solids or liquids in closed protected areas. For this purpose, the oxygen content in the closed protected area is controlled if any inflammable substances and/or gases are present in the closed protected area (for example hydrocarbons), depending on the concentration of the inflammable gases.

IPC 8 full level
A62C 2/00 (2006.01); **A62C 99/00** (2010.01)

CPC (source: EP KR NO US)
A62C 2/00 (2013.01 - KR NO); **A62C 2/04** (2013.01 - KR); **A62C 99/00** (2013.01 - KR); **A62C 99/0018** (2013.01 - EP US);
A62C 99/0063 (2013.01 - EP US)

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)
WO 2006074942 A1 20060720; AT E443543 T1 20091015; AU 2006205895 A1 20060720; AU 2006205895 B2 20110331;
BR PI0606315 A2 20090616; CA 2594796 A1 20060720; CA 2594796 C 20130716; CN 101119772 A 20080206; CN 101119772 B 20111130;
DE 102005002172 A1 20060727; DE 502006004914 D1 20091105; DK 1838396 T3 20100201; EP 1838396 A1 20071003;
EP 1838396 B1 20090923; ES 2333813 T3 20100301; HK 1108399 A1 20080509; JP 2008526409 A 20080724; JP 4654249 B2 20110316;
KR 101255387 B1 20130417; KR 20070102512 A 20071018; MX 2007008408 A 20071121; NO 20074209 L 20071009; NO 339355 B1 20161205;
PL 1838396 T3 20100226; PT 1838396 E 20091130; RU 2007131271 A 20090227; RU 2362600 C2 20090727; TW 200702015 A 20070116;
UA 90126 C2 20100412; US 2010012334 A1 20100121

DOCDB simple family (application)
EP 2006000267 W 20060113; AT 06700499 T 20060113; AU 2006205895 A 20060113; BR PI0606315 A 20060113; CA 2594796 A 20060113;
CN 200680002113 A 20060113; DE 102005002172 A 20050117; DE 502006004914 T 20060113; DK 06700499 T 20060113;
EP 06700499 A 20060113; ES 06700499 T 20060113; HK 07113746 A 20071218; JP 2007550761 A 20060113; KR 20077015898 A 20060113;
MX 2007008408 A 20060113; NO 20074209 A 20070816; PL 06700499 T 20060113; PT 06700499 T 20060113; RU 2007131271 A 20060113;
TW 95101547 A 20060116; UA A200709384 A 20060113; US 79538506 A 20060113