

Title (en)
METHODS AND APPARATUS FOR EXTINGUISHING FIRES

Title (de)
FEUERLÖSCHVERFAHREN UND -GERÄT

Title (fr)
PROCEDES ET APPAREILS D'EXTINCTION DE FEUX

Publication
EP 1506043 B1 20120222 (EN)

Application
EP 03755445 A 20030521

Priority
• US 0316271 W 20030521
• US 38239802 P 20020521

Abstract (en)
[origin: WO03099386A1] A fire control system (100) according to various aspects of the present invention includes an extinguishant (112) having a suppressant (210) and a thermal absorbant (212). The suppressant (210) is configured to suppress the fire. The thermal absorbant (212) is configured to absorb heat from the fire. In one embodiment, the thermal absorbant (212) is configured to absorb thermal radiation from the fire and inhibit reflection of thermal radiation from the suppressant and/or other surfaces back into the fire. In additional and alternative embodiments, the thermal absorbant (212) may be configured to transfer heat into the surface and/or interior of suppressant particles or droplets to promote activation of the suppressant.

IPC 8 full level
A62C 2/00 (2006.01); **A62C 13/64** (2006.01); **A62C 99/00** (2010.01); **A62D 1/00** (2006.01); **A62D 1/02** (2006.01); **A62D 1/06** (2006.01); **A62D 1/08** (2006.01)

CPC (source: EP KR)
A62C 2/00 (2013.01 - KR); **A62C 99/0045** (2013.01 - EP)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 03099386 A1 20031204; AT E546198 T1 20120315; AU 2003273132 A1 20031212; AU 2003273132 B2 20100304; CA 2486636 A1 20031204; CA 2486636 C 20130514; CY 1112788 T1 20160210; DK 1506043 T3 20120507; EP 1506043 A1 20050216; EP 1506043 A4 20100728; EP 1506043 B1 20120222; ES 2382798 T3 20120613; JP 2005526580 A 20050908; JP 2011224380 A 20111110; JP 4851084 B2 20120111; KR 101137280 B1 20120420; KR 101147889 B1 20120518; KR 20050034644 A 20050414; KR 20120007071 A 20120119; PT 1506043 E 20120419; SI 1506043 T1 20120629

DOCDB simple family (application)
US 0316271 W 20030521; AT 03755445 T 20030521; AU 2003273132 A 20030521; CA 2486636 A 20030521; CY 121100362 T 20120412; DK 03755445 T 20030521; EP 03755445 A 20030521; ES 03755445 T 20030521; JP 2004506907 A 20030521; JP 2011118971 A 20110527; KR 20047018800 A 20030521; KR 20117028741 A 20030521; PT 03755445 T 20030521; SI 200332140 T 20030521