

Title (en)
Fire suppression system

Title (de)
Feuerunterdrückungssystem

Title (fr)
Système étouffe-feu

Publication
EP 0878212 B1 20070829 (EN)

Application
EP 98108720 A 19980513

Priority
US 85754697 A 19970516

Abstract (en)
[origin: EP0878212A2] The present invention relates to a fire suppression system and method in which an extinguishing agent is automatically discharged from a limited source of supply of the wet chemical extinguishing agent for rapid extinguishment of the fire, followed by water application to the locus of the fire from an unlimited source of supply of water. The subsequent automatic application of water provides rapid cooling of the hot burning material below its reflash temperature. The present hybrid system exploits the best fire suppression properties of both agents against fires i.e. the wet chemical extinguishing agent provides rapid flame extinguishment and water provides rapid cooling following extinguishment. The present hybrid system is significantly more robust (fire test variables are less critical to its fire suppression performance) than current water or wet chemical agent systems. <IMAGE>

IPC 8 full level
A62C 35/68 (2006.01); **A62C 35/02** (2006.01); **A62C 37/38** (2006.01)

CPC (source: EP)
A62C 35/02 (2013.01); **A62C 3/006** (2013.01)

Cited by
CN114173887A; CN105457195A; EP4302840A1; US6935433B2; US11786768B2; WO2020123356A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0878212 A2 19981118; EP 0878212 A3 19991027; EP 0878212 B1 20070829; AT E371476 T1 20070915; CA 2233281 A1 19981116; CA 2233281 C 20070529; DE 19821530 A1 19981119; DE 69834289 D1 20080124; DE 69834289 T2 20080320; DK 0878212 T3 20071203; ES 2292195 T3 20080301; FR 2763249 A1 19981120; FR 2763249 B1 20000825; GB 2325159 A 19981118; GB 2325159 B 20010228; GB 9810611 D0 19980715

DOCDB simple family (application)
EP 98108720 A 19980513; AT 98108720 T 19980513; CA 2233281 A 19980326; DE 19821530 A 19980513; DE 69834289 T 19980513; DK 98108720 T 19980513; ES 98108720 T 19980513; FR 9805513 A 19980430; GB 9810611 A 19980515