

Title (en)
Fire suppression system

Title (de)
Feuerunterdrückungssystem

Title (fr)
Système étouffe-feu

Publication
EP 0878212 A3 19991027 (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>

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A62C 35/68

IPC 8 full level
A62C 35/02 (2006.01)

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

Citation (search report)

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- [AD] US 4356870 A 19821102 - GAYLORD EDSON C, et al
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