

Title (en)
Extinguishing compositions

Title (de)
Feuerlöschzusammensetzungen

Title (fr)
Compositions extinctrices

Publication
EP 1013311 A1 20000628 (FR)

Application
EP 99403192 A 19991217

Priority
FR 9816435 A 19981224

Abstract (en)
Fire extinguisher composition (I) comprises (by weight) (a) at least 1% of an aqueous film-forming foam (AFFF) emulsifier; (b) at least 5% of a combustion inhibitor; (c) 3-20% of an antifreeze solvent; and (d) at least 10% urea, the urea:solvent ratio being at least 1:1. Independent claims are also included for the following: bar. (1) a concentrate (II) comprising (by weight) at least 1 part AFFF emulsifier, at least 5 parts combustion inhibitor, 3-20 parts antifreeze solvent and at least 10 parts urea, the urea:solvent ratio being at least 1:1; (2) an aerosol can containing (I) under pressure, preferably at least 7 bar; (3) an aerosol can containing a (II)-filled cartridge and an aqueous solution under pressure, preferably at least 7 bar; (4) an aerosol can containing: (a) a cartridge containing the AFFF emulsifier, antifreeze solvent and urea; (b) a cartridge containing the combustion inhibitor; and (c) an aqueous solution under pressure, preferably at least 7; and (5) The preparation method of the fire extinguishing composition.

Abstract (fr)
L'invention a pour objet une composition extinctrice aqueuse comprenant, en % en poids par rapport au poids de la composition : a) au moins 1 % d'un émulseur AFFF ; b) au moins 5 % d'un inhibiteur de combustion ; c) de 3 à 20 % d'un solvant antigel ; d) au moins 10 % d'urée, l'urée étant présente en une quantité au moins égale à celle du solvant anti-gel. L'invention a aussi pour objet un boîtier aérosol comprenant une composition selon l'invention. L'invention a encore pour objet un procédé de préparation d'une composition extinctrice.

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A62D 1/00

IPC 8 full level
A62D 1/02 (2006.01)

CPC (source: EP)
A62D 1/0085 (2013.01)

Citation (search report)
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• [DY] DE 19708733 A1 19980910 - GRUENAU GMBH CHEM FAB [DE]
• [A] EP 0621057 A1 19941026 - ATOCHEM ELF SA [FR]
• [DA] EP 0676220 A1 19951011 - ATOCHEM ELF SA [FR]
• [A] WO 9638204 A1 19961205 - SEPPIC SA [FR], et al
• [A] DATABASE WPI Section Ch Week 8130, Derwent World Patents Index; Class A97, AN 81-53890D, XP002114432

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