

Title (en)
Method and apparatus for area fire protection.

Title (de)
Verfahren und Anlage für Brandschutz.

Title (fr)
Procédé de protection d'une zone notamment contre l'incendie et appareillage pour sa mise en oeuvre.

Publication
EP 0514610 A1 19921125 (FR)

Application
EP 91401331 A 19910523

Priority
EP 91401331 A 19910523

Abstract (en)
Method for protecting an area, in particular against fire, by emission of a cloud of water droplets, comprising at least two of three successive stages, in an order appropriate to the problem to be solved: - a first stage, corresponding to a long term prevention of fire, in which droplets smaller than 100 micrometres, capable in particular of rehydrating plants, are emitted, - a second stage, used in medium-term prevention, which comprises additionally emitting droplets of 100 to 300 micrometres, yielding a more long-lasting mist, - and a third stage, for immediate prevention, in which droplets of 300 to 800 micrometres are added to the above, generating a drizzle effect. <IMAGE>

IPC 1-7
A62C 3/02; **B05B 5/03**

IPC 8 full level
A62C 3/02 (2006.01); **A62C 99/00** (2010.01); **B05B 5/03** (2006.01); **B05B 7/00** (2006.01)

CPC (source: EP US)
A62C 3/0292 (2013.01 - EP US); **A62C 99/0072** (2013.01 - EP US); **B05B 5/03** (2013.01 - EP US); **B05B 7/0075** (2013.01 - EP US)

Citation (search report)

- [A] US 4610310 A 19860909 - MILLER DENNIS R [US], et al
- [A] FR 1434880 A 19660408
- [A] US 4710849 A 19871201 - NORRIS ALAN J [GB]
- [A] US 4907654 A 19900313 - EBERHARDT H ALFRED [US]
- [A] FR 1149649 A 19571230 - SPECIALTIES DEV CORP
- [A] US 4944460 A 19900731 - STEINGASS ROBERT W [US]
- [A] GB 1135929 A 19681211 - BLISS E W CO
- [E] FR-A-2 654 633

Cited by
FR2703594A1; EP0667795A4; ES2068129A2; EP0623365A1; FR2704777A1; ITSA20080018A1; FR2793150A1; FR2793149A1; FR2803212A1

Designated contracting state (EPC)
AT BE CH DE DK ES GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0514610 A1 19921125; **EP 0514610 B1 19960424**; AT E137125 T1 19960515; DE 69119066 D1 19960530; ES 2087978 T3 19960801; GR 3020469 T3 19961031; US 5211336 A 19930518; US 5323861 A 19940628

DOCDB simple family (application)
EP 91401331 A 19910523; AT 91401331 T 19910523; DE 69119066 T 19910523; ES 91401331 T 19910523; GR 960401835 T 19960705; US 3111793 A 19930312; US 70386891 A 19910523