

Title (en)

FIRE EXTINGUISHING METHODS AND BLENDS UTILIZING FLUOROPROPANES.

Title (de)

FEUERLÖSCHVERFAHREN UND GEBRAUCH VON FLUORPROPANMISCHUNGEN.

Title (fr)

METHODES ET MELANGES POUR ETEINDRE LE FEU, UTILISANT DES FLUOROPROPANES.

Publication

EP 0439579 B1 19951025 (EN)

Application

EP 90912103 A 19900809

Priority

- US 9004467 W 19900809
- US 39684189 A 19890821
- US 43973889 A 19891121

Abstract (en)

[origin: WO9102564A1] Highly fluorinated, saturated, C2 and C3 hydrofluorocarbons are efficient, economical, non-ozone-depleting fire extinguishing agents used alone or in blends with other fire extinguishing agents in total flooding and portable systems.

IPC 1-7

A62D 1/08

IPC 8 full level

A62D 1/06 (2006.01); **A62D 1/00** (2006.01); **A62D 5/00** (2006.01)

CPC (source: EP)

A62D 1/0057 (2013.01)

Citation (examination)

JP H05134595 A 19930528 - RICOH KK

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

WO 9102564 A1 19910307; AT E129419 T1 19951115; AU 6171990 A 19910403; AU 629975 B2 19921015; BR 9006888 A 19911022; CA 2023333 A1 19910222; CA 2023333 C 20001003; DE 69023220 D1 19951130; DE 69023220 T2 19960404; DK 0439579 T3 19960129; EP 0439579 A1 19910807; EP 0439579 A4 19920311; EP 0439579 B1 19951025; ES 2078348 T3 19951216; FI 103182 B1 19990514; FI 103182 B 19990514; FI 911915 A0 19910419; IL 95365 A0 19910630; IL 95365 A 19930513; JP 2580075 B2 19970212; JP H04501228 A 19920305; KR 100189484 B1 19990601; MX 172050 B 19931130; NO 177888 B 19950904; NO 177888 C 19951213; NO 911579 D0 19910422; NO 911579 L 19910422; RU 2068718 C1 19961110; RU 2293583 C2 20070220

DOCDB simple family (application)

US 9004467 W 19900809; AT 90912103 T 19900809; AU 6171990 A 19900809; BR 9006888 A 19900809; CA 2023333 A 19900815; DE 69023220 T 19900809; DK 90912103 T 19900809; EP 90912103 A 19900809; ES 90912103 T 19900809; FI 911915 A 19910419; IL 9536590 A 19900814; JP 51165590 A 19900809; KR 19980706409 A 19980818; MX 2202390 A 19900820; NO 911579 A 19910422; SU 4895510 A 19900809