

Title (en)

ADDITIVE AND LIQUID COMPOSITION FOR FIREFIGHTING AND FOR FUME PROTECTION

Title (de)

ADDITIV UND FLÜSSIGE ZUSAMMENSETZUNG ZUR BRANDBEKÄMPFUNG UND ZUM RAUCHSCHUTZ

Title (fr)

COMPOSITION ADDITIVE ET LIQUIDE POUR LA LUTTE CONTRE L'INCENDIE ET LA PROTECTION CONTRE LES FUMÉES

Publication

**EP 4230272 A1 20230823 (EN)**

Application

**EP 22305172 A 20220216**

Priority

EP 22305172 A 20220216

Abstract (en)

Aqueous additive comprising, as weight percentages based on the total weight of the additive: water: balance to 100 %, 10% to 30% of a hydroxylated carbon-based component chosen among sucrose, fructose, glucose, sorbitol, pentaerythritol and its derivatives, maltose, arabinose, glycerol and its derivatives, and mixtures thereof,  $\text{PO}_4^{3-}$  ions in an amount expressed as a weight content of phosphorus pentoxide  $\text{P}_2\text{O}_5$  ranging between 15% and 37%, 2% to 15% of  $\text{NH}_4^+$  ions, 1% to 15% of a non-fluorinated surfactant chosen among an anionic surfactant, a non-ionic surfactant and mixtures thereof, 7% at most of a corrosion inhibitor, 7% at most of a stabilizer, 5% at most of a thickening agent, 3% at most of other components.

IPC 8 full level

**A62D 1/00** (2006.01); **A62D 1/02** (2006.01)

CPC (source: EP)

**A62D 1/0042** (2013.01); **A62D 1/005** (2013.01); **A62D 1/0071** (2013.01)

Citation (applicant)

- WO 2018134393 A1 20180726 - EITL [FR]
- KIRK-OTHMER: "Encyclopedia of Chemical Technology", vol. 22, 1979, WILEY, pages: 333 - 432
- ALFA ARZATE: "Extraction of beet sugar", 27 October 2005, MAPLE SYRUP RESEARCH, DEVELOPMENT AND TECHNOLOGICAL TRANSFER CENTER
- PROF. MATHLOUTHIMS. BARBARA ROGE, THE EXTRACTION OF SUGAR

Citation (search report)

- [XY] CN 111214798 A 20200602 - NINGXIA WANHUI YUNHE FIRE FIGHTING TECH CO LTD & DATABASE WPI Week 202005, Derwent World Patents Index; AN 2020-51617R, XP002807208
- [XY] CN 110193163 B 20210601 & DATABASE WPI Week 201976, Derwent World Patents Index; AN 2019-78048T, XP002807209
- [XY] CN 103961835 A 20140806 - STATE GRID CORP CHINA, et al & DATABASE WPI Week 201469, Derwent World Patents Index; AN 2014-T01295, XP002807210
- [YD] WO 2018134393 A1 20180726 - EITL [FR]

Designated contracting state (EPC)

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BA ME

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