

Title (en)
Fluoroproteinaceous emulsifier forming polyvalent film

Title (de)
Polyvalenter, filmbildender Fluoroproteinemulgator

Title (fr)
Emulseurs fluoroprotéiniques formant film polyvalents

Publication
EP 0755701 B1 20000308 (FR)

Application
EP 96401470 A 19960703

Priority
FR 9509139 A 19950727

Abstract (en)
[origin: EP0755701A1] A new film-forming emulsion with fire extinguishing properties comprises a protein hydrolysate associated with :-a) At least one fluorinated co-telomer of the general formula:- in which : Rf = perfluoroalkyl, opt. branched, 6C min. ; k =0 - 6 (but not 0 if m not equal to 1) ; Rf-(CH₂)_k-X_m-(CH₂)_n-Sp-(M<1>_{q<1>}-M<2>_{q<2>}-Y (I) X = O, CO₂, or OCO ; m = 0 or 1 ; n = 0 - 6 (but not 0 if m and/or p = 1) ; M<1> = an anionic hydrophilic monomer unit, and M<2> = a non-ionic hydrophilic monomer unit ; q<1> and q<2> are numbers of which the sum is 5 -100 and the ratio q<2>/q<1> is 1 - 20 ; Y = H when p = 1, and I, Br, or Cl when p = 0 ; and b) At least one fluorinated surfactant, an aq. soln. of which (1 g/l) gives a surface tension at 20 degrees C. less than 25mN/m.

IPC 1-7
A62D 1/00

IPC 8 full level
A62D 1/02 (2006.01); **A62D 1/04** (2006.01); **B01F 17/00** (2006.01); **B01F 17/30** (2006.01); **C09K 23/00** (2022.01); **C09K 23/30** (2022.01)

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

Cited by
EP2621590A4; US9669246B2

Designated contracting state (EPC)
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EP 0755701 A1 19970129; EP 0755701 B1 20000308; AU 6075196 A 19970130; CA 2181831 A1 19970128; DE 69606931 D1 20000413; DE 69606931 T2 20001012; ES 2144707 T3 20000616; FR 2737126 A1 19970131; FR 2737126 B1 19980206; JP H0938235 A 19970210; US 5824238 A 19981020

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EP 96401470 A 19960703; AU 6075196 A 19960726; CA 2181831 A 19960722; DE 69606931 T 19960703; ES 96401470 T 19960703; FR 9509139 A 19950727; JP 17948496 A 19960709; US 68659896 A 19960726