

Title (en)
FLUORINATED ALKYL-SULFATO-BETAINES AND PROCESS FOR THEIR PREPARATION

Publication
EP 0001993 B1 19810107 (DE)

Application
EP 78101238 A 19781027

Priority
DE 2749329 A 19771104

Abstract (en)
[origin: US4209456A] Fluorine-containing alkyl-sulfato-betaines of the formula <IMAGE> in which Rf is perfluoroalkyl with 3 to 16 C atoms, R1 is alkyl with 1 to 4 C atoms, R2 is alkyl with 1 to 4 C atoms, Q is -CH2-CH2- or <IMAGE>

IPC 1-7
C07C 141/04; **C07C 141/10**; **C07C 139/00**; **C07C 139/10**

IPC 8 full level
C09K 23/04 (2022.01); **A62D 1/02** (2006.01); **C07C 67/00** (2006.01); **C07C 301/00** (2006.01); **C07C 303/22** (2006.01); **C07C 303/24** (2006.01); **C07C 305/02** (2006.01); **C09K 23/18** (2022.01); **C11D 1/00** (2006.01); **C11D 1/90** (2006.01); **A62D 1/00** (2006.01); **C08K 5/41** (2006.01); **C08L 27/18** (2006.01); **D06L 1/04** (2006.01)

CPC (source: EP US)
A62D 1/0085 (2013.01 - EP US); **C11D 1/004** (2013.01 - EP US)

Cited by
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DOCDB simple family (publication)
EP 0001993 A1 19790530; **EP 0001993 B1 19810107**; CA 1112661 A 19811117; DE 2749329 A1 19790510; DE 2860437 D1 19810226; ES 474666 A1 19801216; JP S5473731 A 19790613; JP S629108 B2 19870226; US 4209456 A 19800624

DOCDB simple family (application)
EP 78101238 A 19781027; CA 315842 A 19781106; DE 2749329 A 19771104; DE 2860437 T 19781027; ES 474666 A 19781030; JP 13464778 A 19781102; US 95687078 A 19781101