

Title (en)

CONCENTRATED, FREE-FLOWING ANIONIC SURFACE-ACTIVE AGENTS AND PROCESS FOR THE PRODUCTION THEREOF.

Title (de)

KONZENTRIERTE, FLIESSFÄHIGE ANIONTENSIDE UND VERFAHREN ZU IHRER HERSTELLUNG.

Title (fr)

AGENTS DE SURFACE ANIONIQUES CONCENTRES COULANTS ET PROCEDE DE PREPARATION.

Publication

**EP 0445196 A1 19910911 (DE)**

Application

**EP 90900102 A 19891120**

Priority

DE 3840092 A 19881128

Abstract (en)

[origin: EP0371369A1] Concentrated, free-flowing anionic surface-active agents with a water content of less than 1 % by wt., in particular less than 0.5 % by wt., may be prepared by the sulphonation of unsaturated C16 to C22 fatty acids with sulphur trioxide, using the sulphur trioxide in the molar proportion of 0.8-1.2:1, in particular 0.9-1.0:1, with respect to the olefinic double bonds in the fatty acids, and by subsequent neutralization of the sulphonation products with triethanolamine.

Abstract (fr)

On obtient des agents de surface anioniques concentrés coulants à teneur en eau < 1, en particulier < 0,5, % en poids en sulfonant des acides gras insaturés, comportant entre 16 et 22 atomes de carbone, avec de l'anhydride sulfurique, les rapports molaires entre anhydride sulfurique et liaisons doubles oléfiniques contenues dans les acides gras étant compris entre 0,8 et 1,2 pour 1, en particulier entre 0,9 et 1,0 pour 1, et en neutralisant les produits de sulfonation avec triéthanolamine.

IPC 1-7

**C07C 303/06**

IPC 8 full level

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