

Title (en)
NITROGEN-FREE ANIONIC-ACTIVE BRIGHTENERS.

Title (de)
STICKSTOFFFREIE ANIONAKTIVE AVIVAGEMITTEL.

Title (fr)
AGENTS D'AVIVAGE ACTIFS ANIONIQUES SANS AZOTE.

Publication
EP 0674699 A1 19951004 (DE)

Application
EP 94902731 A 19931209

Priority
• DE 4242689 A 19921217
• EP 9303469 W 19931209

Abstract (en)
[origin: WO9413768A1] Sulphated fatty acid partial glycerides have the formula (I), in which R<1>, R<2> and R<3> represent independently from each other at least one aliphatic, linear or branched acyl residue with 6 to 22 carbon atoms, at least one sulphate group and if required a hydroxyl group, whereas m, n and p equal 0 or numbers from 1 to 10. These glycerides are suitable for producing textile rinsing brighteners and softeners.

IPC 1-7
C11D 1/16; **C11D 3/00**; **D06M 13/224**; **D06M 13/262**

IPC 8 full level
D06M 13/02 (2006.01); **C07C 305/10** (2006.01); **C11D 1/16** (2006.01); **C11D 1/28** (2006.01); **C11D 3/00** (2006.01); **C14C 9/02** (2006.01); **D06M 13/224** (2006.01); **D06M 13/244** (2006.01); **D06M 13/248** (2006.01); **D06M 13/262** (2006.01); **D21H 21/24** (2006.01)

CPC (source: EP US)
C11D 1/28 (2013.01 - EP US); **C11D 3/0015** (2013.01 - EP US); **C14C 9/02** (2013.01 - EP US); **D06M 7/00** (2013.01 - EP US); **D06M 13/2243** (2013.01 - EP US); **D21H 21/24** (2013.01 - EP US); **D06M 2200/40** (2013.01 - EP US)

Citation (search report)
See references of WO 9413768A1

Designated contracting state (EPC)
BE CH DE ES FR GB IT LI NL PT

DOCDB simple family (publication)
DE 4242689 A1 19940623; CN 1093765 A 19941019; DE 59307653 D1 19971211; EP 0674699 A1 19951004; EP 0674699 B1 19971105; JP H08504484 A 19960514; US 5567340 A 19961022; WO 9413768 A1 19940623

DOCDB simple family (application)
DE 4242689 A 19921217; CN 93120843 A 19931215; DE 59307653 T 19931209; EP 9303469 W 19931209; EP 94902731 A 19931209; JP 51378194 A 19931209; US 45430295 A 19950616