

Title (en)
NITROGEN-FREE, ANIONIC ACTIVE BRIGHTENING AGENT


Title (de)
STICKSTOFFFREIE ANIONAKTIVE AVIVAGEMITTEL

Title (fr)
AGENT ANIONIQUE ACTIF D'AVIVAGE NON AZOTE

Publication
EP 0720643 A1 19960710 (DE)

Application
EP 94928351 A 19940914

Priority
• DE 4332187 A 19930922
• EP 9403075 W 19940914

Abstract (en)
[origin: US5688759A] PCT No. PCT/EP94/03075 Sec. 371 Date Mar. 22, 1996 Sec. 102(e) Date Mar. 22, 1996 PCT Filed Sep. 14, 1994 PCT Pub. No. WO95/08613 PCT Pub. Date Mar. 30, 1995 Nitrogen-free anionic conditioning formulations containing sulfated polyol fatty acid esters corresponding to formula (I):  (I) in which R1CO is a linear or branched, saturated or unsaturated acyl radical containing 6 to 22 carbon atoms, R2 represents hydrogen, an OCR1 group or an SO3X group, R3 is hydrogen or an (OCH2CH2)mOR2 group, n is 0 or a number of 1 to 5, m is 0 or a number of 1 to 10, and X is an alkali metal, alkaline earth metal, ammonium, alkylammonium, alkanolammonium or glucammonium ion.

IPC 1-7
C11D 1/29; **C11D 3/00**; **C07C 305/10**; **D06M 13/262**

IPC 8 full level
C14C 3/00 (2006.01); **C07C 305/06** (2006.01); **C07C 305/10** (2006.01); **C09K 23/00** (2022.01); **C11D 1/12** (2006.01); **C11D 1/16** (2006.01); **C11D 1/28** (2006.01); **C11D 1/29** (2006.01); **C11D 3/00** (2006.01); **C14C 9/00** (2006.01); **C14C 11/00** (2006.01); **D06M 13/02** (2006.01); **D06M 13/224** (2006.01); **D06M 13/244** (2006.01); **D06M 13/262** (2006.01); **D21H 19/10** (2006.01); **D21H 21/24** (2006.01)

CPC (source: EP US)
C07C 305/06 (2013.01 - EP US); **C11D 1/16** (2013.01 - EP US); **C11D 1/28** (2013.01 - EP US); **C11D 3/001** (2013.01 - EP US); **C11D 3/0015** (2013.01 - EP US); **C14C 9/00** (2013.01 - EP US); **C14C 11/00** (2013.01 - EP US); **D06M 7/00** (2013.01 - EP US); **D06M 13/224** (2013.01 - EP US); **D06M 13/262** (2013.01 - EP US); **D21H 21/24** (2013.01 - EP US); **C09K 23/00** (2022.01 - EP US); **D06M 2200/40** (2013.01 - EP US)

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