

Title (en)  
NONIONIC FOAMING AGENT FOR FOAMING COSMETIC COMPOSITIONS

Title (de)  
NIGHTIONISCHER SCHAUMBILDNER FÜR SCHÄUMENDE KOSMETIKA

Title (fr)  
AGENT MOUSSANT NON IONIQUE POUR COMPOSITION COSMETIQUE MOUSSANTE

Publication  
**EP 0821581 A4 19980909 (EN)**

Application  
**EP 96909837 A 19960320**

Priority  
• AU PN239595 A 19950413  
• US 9603938 W 19960320

Abstract (en)  
[origin: WO9632093A1] A foaming agent comprising at least a polyoxyethylene and/or polyoxypropylene type of nonionic surfactant which has a total HLB by Griffin method of a least 12, and provides improved foaming characteristics to foaming cosmetic compositions. In one preferred embodiment of the present invention, the foaming agent is comprised in a foaming cosmetic composition such as a hair mousse composition comprising the foaming agent and further comprising a solvent and optional components such as polymer, preservative, and propellant.

IPC 1-7  
**A61K 9/12**

IPC 8 full level  
**A61K 8/72** (2006.01); **A61K 8/00** (2006.01); **A61K 8/04** (2006.01); **A61K 8/37** (2006.01); **A61K 8/39** (2006.01); **A61K 8/89** (2006.01); **A61K 8/92** (2006.01); **A61Q 5/00** (2006.01); **A61Q 5/12** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP KR)  
**A61K 8/02** (2013.01 - KR); **A61K 8/046** (2013.01 - EP); **A61K 8/39** (2013.01 - EP); **A61K 9/12** (2013.01 - KR); **A61Q 5/00** (2013.01 - EP); **A61Q 5/06** (2013.01 - KR)

Citation (search report)  
• [X] EP 0437956 A1 19910724 - UNILEVER PLC [GB], et al  
• [X] DATABASE WPI Derwent World Patents Index; AN 95101760, XP002070412, KOIKE KAGAKU: "foam aerosol products for hair-spray and shaving foam-comprises airtightly sealed container containing aerosol composition containing nitrogen or condensed air, aliphatic hydrocarbon and nonionic surfactant"  
• [X] PATENT ABSTRACTS OF JAPAN vol. 012, no. 450 25 November 1988 (1988-11-25)  
• [X] P.A.SANDERS: "Aerosol Emulsions and Foams", SOAP & CHEMICAL SPECIALTIES, vol. 43, no. 7, 1967, N.Y., pages 68 - 78, XP002070411  
• See references of WO 9632093A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)  
**WO 9632093 A1 19961017**; AU PN239595 A0 19950511; BR 9604915 A 19980721; CA 2218117 A1 19961017; CN 1184419 A 19980610; EP 0821581 A1 19980204; EP 0821581 A4 19980909; JP H10509183 A 19980908; KR 100251145 B1 20000501; KR 19980703786 A 19981205; TW 365607 B 19990801

DOCDB simple family (application)  
**US 9603938 W 19960320**; AU PN239595 A 19950413; BR 9604915 A 19961013; CA 2218117 A 19960320; CN 96193957 A 19960320; EP 96909837 A 19960320; JP 53101496 A 19960320; KR 19970707186 A 19971010; TW 85105221 A 19960501