

Title (en)
MIXTURES OF LIQUID NON-IONIC SURFACTANTS

Publication
EP 0272574 A3 19890906 (DE)

Application
EP 87118480 A 19871214

Priority
DE 3643895 A 19861222

Abstract (en)
[origin: EP0272574A2] A liquid mixture of propylene oxide/ethylene oxide derivatives of alcohols of the formula R-O-(C₃H₅O)₁₋₂-(C₂H₄O)₆₋₈-H in which R is an alkyl or alkenyl radical which is linear or methyl-branched in position 2 and which has the following chain distribution: C₈ = 0 to 5 %, C₉₋₁₀ = 75 to 90 %, C₁₁₋₁₂ = 5 to 15 %, C₁₃₋₁₄ = 4 to 10 %, C₁₅₋₁₆ = 0 to 3 %, is, by reason of its physical and washing properties, suitable as readily biodegradable substitute for alkylphenol ethoxylates.

IPC 1-7
C11D 1/825

IPC 8 full level
C09K 23/42 (2022.01); **C11D 1/825** (2006.01); **C11D 1/835** (2006.01); **C11D 1/44** (2006.01); **C11D 1/722** (2006.01)

CPC (source: EP US)
C11D 1/825 (2013.01 - EP US); **C11D 1/8255** (2013.01 - EP US); **C11D 1/835** (2013.01 - EP US); **C11D 1/44** (2013.01 - EP US); **C11D 1/722** (2013.01 - EP US); **Y10S 516/01** (2013.01 - EP US)

Citation (search report)
• [XD] DE 2810703 A1 19780921 - MITSUBISHI PETROCHEMICAL CO
• [Y] EP 0019173 A1 19801126 - BASF AG [DE]
• [Y] EP 0104434 A2 19840404 - HENKEL KGAA [DE]
• [Y] DE 3531128 C1 19860515 - HOFFMANN STAERKEFABRIKEN AG
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Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0272574 A2 19880629; EP 0272574 A3 19890906; EP 0272574 B1 19930922; AT E94897 T1 19931015; DE 3643895 A1 19880630; DE 3787516 D1 19931028; ES 2059351 T3 19941116; US 4965014 A 19901023

DOCDB simple family (application)
EP 87118480 A 19871214; AT 87118480 T 19871214; DE 3643895 A 19861222; DE 3787516 T 19871214; ES 87118480 T 19871214; US 36167289 A 19890601