

Title (en)
Nonionic surfactants

Title (de)
Nichtionische Tenside

Title (fr)
Agents tensio-actifs non-ioniques

Publication
EP 1217064 B1 20050316 (DE)

Application
EP 01129798 A 20011214

Priority
DE 10063762 A 20001221

Abstract (en)
[origin: US2002155973A1] Nonionic surfactants are proposed of the formula (I) $\text{R1O}(\text{CH}_2\text{CH}_2\text{O})_n\text{H}$ in which R1 is a hydrocarbon radical having from 16 to 18 carbon atoms and n stands for numbers from 5 to 10, with the proviso that the iodine number of the substances is in the range from 20 to 50.

IPC 1-7
C11D 1/72; **C11D 1/825**; **C11D 1/83**

IPC 8 full level
C11D 1/72 (2006.01); **C11D 1/825** (2006.01); **C11D 1/83** (2006.01); **C11D 1/29** (2006.01); **C11D 1/66** (2006.01)

CPC (source: EP US)
C11D 1/72 (2013.01 - EP US); **C11D 1/8255** (2013.01 - EP US); **C11D 1/8305** (2013.01 - EP US); **C11D 1/29** (2013.01 - EP US);
C11D 1/662 (2013.01 - EP US)

Cited by
US6730131B2

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
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US 2002155973 A1 20021024; US 6730131 B2 20040504

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EP 01129798 A 20011214; DE 10063762 A 20001221; DE 50105609 T 20011214; ES 01129798 T 20011214; US 2744701 A 20011220