

Title (en)  
OVERBASED ALKYL OXY BENZENE SULFONATES AS DETERGENTS

Title (de)  
ÜBERBASISCHE ALKYLOXYBENZOLSULFONATE ALS DETERGENTIEN

Title (fr)  
SULFONATES DE BENZENE OXY ALKYLE HYPERBASQUES UTILISES COMME DETERGENTS

Publication  
**EP 0748365 B1 20030611 (EN)**

Application  
**EP 95943415 A 19951207**

Priority  
• US 9516162 W 19951207  
• US 36527294 A 19941228

Abstract (en)  
[origin: WO9620265A1] A marine lubricating oil has a major amount of oil of lubricating viscosity; and a minor amount of an overbased, alkyl oxy benzene sulfonate having a TBN of at least 200. Between 40 wt.% and 80 wt.% of the alkyl group is attached at the 4-position and higher positions of the alkyl group. The oxy group can be hydroxy, methoxy, ethoxy, propoxy, butoxy, pentoxy, or hexoxy.

IPC 1-7  
**C10M 159/24**; C07G 17/00

IPC 8 full level  
**C10M 159/24** (2006.01); **C10M 163/00** (2006.01); **C10M 167/00** (2006.01); **C10N 30/04** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP)  
**C10M 129/08** (2013.01); **C10M 129/10** (2013.01); **C10M 129/40** (2013.01); **C10M 129/42** (2013.01); **C10M 129/76** (2013.01); **C10M 133/12** (2013.01); **C10M 133/16** (2013.01); **C10M 133/44** (2013.01); **C10M 133/56** (2013.01); **C10M 135/02** (2013.01); **C10M 135/06** (2013.01); **C10M 135/10** (2013.01); **C10M 135/18** (2013.01); **C10M 135/28** (2013.01); **C10M 137/00** (2013.01); **C10M 137/04** (2013.01); **C10M 137/10** (2013.01); **C10M 139/00** (2013.01); **C10M 143/04** (2013.01); **C10M 143/06** (2013.01); **C10M 143/12** (2013.01); **C10M 145/14** (2013.01); **C10M 145/36** (2013.01); **C10M 145/38** (2013.01); **C10M 159/18** (2013.01); **C10M 159/22** (2013.01); **C10M 159/24** (2013.01); **C10M 163/00** (2013.01); **C10M 167/00** (2013.01); **C10M 2205/00** (2013.01); **C10M 2205/024** (2013.01); **C10M 2205/026** (2013.01); **C10M 2205/06** (2013.01); **C10M 2207/021** (2013.01); **C10M 2207/022** (2013.01); **C10M 2207/023** (2013.01); **C10M 2207/024** (2013.01); **C10M 2207/026** (2013.01); **C10M 2207/027** (2013.01); **C10M 2207/028** (2013.01); **C10M 2207/09** (2013.01); **C10M 2207/123** (2013.01); **C10M 2207/125** (2013.01); **C10M 2207/126** (2013.01); **C10M 2207/127** (2013.01); **C10M 2207/129** (2013.01); **C10M 2207/16** (2013.01); **C10M 2207/22** (2013.01); **C10M 2207/262** (2013.01); **C10M 2207/282** (2013.01); **C10M 2207/287** (2013.01); **C10M 2207/288** (2013.01); **C10M 2207/289** (2013.01); **C10M 2207/34** (2013.01); **C10M 2209/084** (2013.01); **C10M 2209/104** (2013.01); **C10M 2209/108** (2013.01); **C10M 2209/109** (2013.01); **C10M 2211/024** (2013.01); **C10M 2211/044** (2013.01); **C10M 2211/06** (2013.01); **C10M 2215/04** (2013.01); **C10M 2215/06** (2013.01); **C10M 2215/062** (2013.01); **C10M 2215/064** (2013.01); **C10M 2215/065** (2013.01); **C10M 2215/066** (2013.01); **C10M 2215/067** (2013.01); **C10M 2215/068** (2013.01); **C10M 2215/08** (2013.01); **C10M 2215/082** (2013.01); **C10M 2215/086** (2013.01); **C10M 2215/12** (2013.01); **C10M 2215/122** (2013.01); **C10M 2215/22** (2013.01); **C10M 2215/221** (2013.01); **C10M 2215/223** (2013.01); **C10M 2215/225** (2013.01); **C10M 2215/226** (2013.01); **C10M 2215/26** (2013.01); **C10M 2215/28** (2013.01); **C10M 2215/30** (2013.01); **C10M 2217/046** (2013.01); **C10M 2217/06** (2013.01); **C10M 2219/02** (2013.01); **C10M 2219/024** (2013.01); **C10M 2219/044** (2013.01); **C10M 2219/046** (2013.01); **C10M 2219/066** (2013.01); **C10M 2219/068** (2013.01); **C10M 2219/086** (2013.01); **C10M 2219/087** (2013.01); **C10M 2219/089** (2013.01); **C10M 2223/00** (2013.01); **C10M 2223/04** (2013.01); **C10M 2223/041** (2013.01); **C10M 2223/042** (2013.01); **C10M 2223/045** (2013.01); **C10M 2227/00** (2013.01); **C10M 2227/06** (2013.01); **C10M 2227/061** (2013.01); **C10M 2227/062** (2013.01); **C10M 2227/063** (2013.01); **C10M 2227/065** (2013.01); **C10M 2227/066** (2013.01); **C10M 2227/09** (2013.01); **C10M 2229/051** (2013.01); **C10N 2010/00** (2013.01); **C10N 2010/04** (2013.01); **C10N 2010/12** (2013.01); **C10N 2040/25** (2013.01); **C10N 2040/251** (2020.05); **C10N 2040/252** (2020.05); **C10N 2040/253** (2020.05); **C10N 2040/255** (2020.05); **C10N 2040/28** (2013.01)

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**US 9516162 W 19951207**; CA 2184159 A 19951207; DE 69531043 T 19951207; EP 95943415 A 19951207; JP 52047996 A 19951207