

Title (en)

LUBRICANT COMPOSITION

Publication

**EP 0406826 B1 19930811 (DE)**

Application

**EP 90112762 A 19900704**

Priority

CH 252889 A 19890707

Abstract (en)

[origin: EP0406826A1] Lubricants can be stabilised against oxidation by addition of a) a sterically hindered amine and b) a phenol of the formula I <IMAGE> in which A, B and X are as defined in Claim 1. Preferably, phenols of the formula I are used which contain a thioether group.

IPC 1-7

**C10M 133/02; C10M 141/06; C10M 141/08; C10N 30/10**

IPC 8 full level

**C10M 129/76** (2006.01); **C10M 133/02** (2006.01); **C10M 133/40** (2006.01); **C10M 135/26** (2006.01); **C10M 141/06** (2006.01);  
**C10M 141/08** (2006.01); **C10N 30/10** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP KR)

**C10M 129/10** (2013.01 - EP); **C10M 129/68** (2013.01 - EP); **C10M 133/00** (2013.01 - KR); **C10M 133/02** (2013.01 - EP);  
**C10M 133/08** (2013.01 - EP); **C10M 133/12** (2013.01 - EP); **C10M 133/16** (2013.01 - EP); **C10M 133/38** (2013.01 - EP);  
**C10M 133/40** (2013.01 - EP); **C10M 133/42** (2013.01 - EP); **C10M 135/22** (2013.01 - EP); **C10M 135/24** (2013.01 - EP);  
**C10M 135/26** (2013.01 - EP); **C10M 135/30** (2013.01 - EP); **C10M 141/06** (2013.01 - EP KR); **C10M 141/08** (2013.01 - EP KR);  
**C10M 2201/041** (2013.01 - EP); **C10M 2201/042** (2013.01 - EP); **C10M 2201/066** (2013.01 - EP); **C10M 2203/06** (2013.01 - EP);  
**C10M 2205/026** (2013.01 - EP); **C10M 2207/023** (2013.01 - EP); **C10M 2207/026** (2013.01 - EP); **C10M 2207/027** (2013.01 - EP);  
**C10M 2207/028** (2013.01 - EP); **C10M 2207/123** (2013.01 - EP); **C10M 2207/128** (2013.01 - EP); **C10M 2207/129** (2013.01 - EP);  
**C10M 2207/16** (2013.01 - EP); **C10M 2207/22** (2013.01 - EP); **C10M 2207/28** (2013.01 - EP); **C10M 2207/288** (2013.01 - EP);  
**C10M 2207/289** (2013.01 - EP); **C10M 2209/00** (2013.01 - EP); **C10M 2209/02** (2013.01 - EP); **C10M 2209/084** (2013.01 - EP);  
**C10M 2209/10** (2013.01 - EP); **C10M 2211/08** (2013.01 - EP); **C10M 2215/00** (2013.01 - EP); **C10M 2215/04** (2013.01 - EP);  
**C10M 2215/042** (2013.01 - EP); **C10M 2215/044** (2013.01 - EP); **C10M 2215/06** (2013.01 - EP); **C10M 2215/064** (2013.01 - EP);  
**C10M 2215/065** (2013.01 - EP); **C10M 2215/066** (2013.01 - EP); **C10M 2215/067** (2013.01 - EP); **C10M 2215/068** (2013.01 - EP);  
**C10M 2215/08** (2013.01 - EP); **C10M 2215/082** (2013.01 - EP); **C10M 2215/086** (2013.01 - EP); **C10M 2215/10** (2013.01 - EP);  
**C10M 2215/12** (2013.01 - EP); **C10M 2215/122** (2013.01 - EP); **C10M 2215/22** (2013.01 - EP); **C10M 2215/221** (2013.01 - EP);  
**C10M 2215/222** (2013.01 - EP); **C10M 2215/225** (2013.01 - EP); **C10M 2215/226** (2013.01 - EP); **C10M 2215/26** (2013.01 - EP);  
**C10M 2215/28** (2013.01 - EP); **C10M 2215/30** (2013.01 - EP); **C10M 2217/028** (2013.01 - EP); **C10M 2217/042** (2013.01 - EP);  
**C10M 2217/043** (2013.01 - EP); **C10M 2217/06** (2013.01 - EP); **C10M 2219/024** (2013.01 - EP); **C10M 2219/044** (2013.01 - EP);  
**C10M 2219/046** (2013.01 - EP); **C10M 2219/082** (2013.01 - EP); **C10M 2219/083** (2013.01 - EP); **C10M 2219/084** (2013.01 - EP);  
**C10M 2219/085** (2013.01 - EP); **C10M 2219/086** (2013.01 - EP); **C10M 2219/087** (2013.01 - EP); **C10M 2219/088** (2013.01 - EP);  
**C10M 2219/089** (2013.01 - EP); **C10M 2219/10** (2013.01 - EP); **C10M 2219/102** (2013.01 - EP); **C10M 2219/104** (2013.01 - EP);  
**C10M 2219/106** (2013.01 - EP); **C10M 2223/04** (2013.01 - EP); **C10M 2223/041** (2013.01 - EP); **C10M 2223/042** (2013.01 - EP);  
**C10M 2223/043** (2013.01 - EP); **C10M 2223/045** (2013.01 - EP); **C10M 2223/063** (2013.01 - EP); **C10M 2223/065** (2013.01 - EP);  
**C10M 2227/02** (2013.01 - EP); **C10N 2010/04** (2013.01 - EP); **C10N 2040/25** (2013.01 - EP); **C10N 2040/251** (2020.05 - EP);  
**C10N 2040/255** (2020.05 - EP); **C10N 2040/28** (2013.01 - EP)

Citation (examination)

US 4069199 A 19780117 - RAMEY CHESTER E, et al

Cited by

EP0716141A3; FR2671354A1; GB2253411A; BE1004925A5; US5198130A; GB2253411B; WO2016156328A1

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CN 1028243 C 19950419; CN 1048560 A 19910116; DD 297443 A5 19920109; DE 59002284 D1 19930916; JP 2943004 B2 19990830;  
JP H0345696 A 19910227; KR 0151400 B1 19981001; KR 910003079 A 19910226; ZA 905305 B 19910529

DOCDB simple family (application)

**EP 90112762 A 19900704;** BR 9003187 A 19900705; CA 2020558 A 19900705; CN 90103183 A 19900707; DD 34253490 A 19900705;  
DE 59002284 T 19900704; JP 17938590 A 19900706; KR 900010358 A 19900707; ZA 905305 A 19900706