

Title (en)  
Lubricant compositions and additives therefor

Title (de)  
Schmiermittelzusammensetzungen und Additive dafür

Title (fr)  
Compositions lubrifiantes et additifs pour leur composition

Publication  
**EP 0450208 B1 19991201 (EN)**

Application  
**EP 90303536 A 19900402**

Priority  
EP 90303536 A 19900402

Abstract (en)  
[origin: EP0450208A1] A product is formed by interacting either concurrently or in any sequence at a suitable elevated temperature above 30 DEG C (i) one or more highly-active sulphur-containing extreme pressure or anti-wear agents, (ii) one or more amines, and (iii) one or more weak acids, in proportions such that the mole percentages of sulphur in (i) to amino nitrogen in (ii) used in forming the product is in the range of 100:1 to 5:1, and the proportion of component (iii) used in forming the product is such that there are from 0.2 to 2 chemical equivalents of acid per equivalent of amino nitrogen in component (ii). Lubricant compositions, especially suitable as gear oils, containing such products, confer extended life on gears operated in them.

IPC 1-7  
**C10M 159/12**

IPC 8 full level  
**C10M 135/00** (2006.01); **C10M 159/12** (2006.01); **C10N 30/06** (2006.01); **C10N 30/10** (2006.01); **C10N 40/04** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP)  
**C10M 129/28** (2013.01); **C10M 133/06** (2013.01); **C10M 135/00** (2013.01); **C10M 135/02** (2013.01); **C10M 159/12** (2013.01); **C10M 2207/12** (2013.01); **C10M 2207/125** (2013.01); **C10M 2207/129** (2013.01); **C10M 2215/04** (2013.01); **C10M 2215/044** (2013.01); **C10M 2215/26** (2013.01); **C10M 2217/046** (2013.01); **C10M 2217/06** (2013.01); **C10M 2219/02** (2013.01); **C10M 2219/022** (2013.01); **C10M 2219/024** (2013.01); **C10M 2219/082** (2013.01); **C10M 2219/086** (2013.01); **C10M 2223/04** (2013.01); **C10M 2223/042** (2013.01); **C10M 2223/043** (2013.01); **C10M 2223/047** (2013.01); **C10M 2227/00** (2013.01); **C10N 2040/02** (2013.01); **C10N 2070/02** (2020.05)

Cited by  
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Designated contracting state (EPC)  
BE DE ES FR GB IT

DOCDB simple family (publication)  
**EP 0450208 A1 19911009**; **EP 0450208 B1 19991201**; AU 5251190 A 19911114; AU 630176 B2 19921022; DE 69033375 D1 20000105; DE 69033375 T2 20000511; JP 2912415 B2 19990628; JP H03285990 A 19911217

DOCDB simple family (application)  
**EP 90303536 A 19900402**; AU 5251190 A 19900402; DE 69033375 T 19900402; JP 8508290 A 19900402