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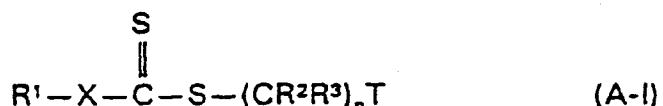
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(54) Compositions containing thiocarbonates and acylated-nitrogen containing compounds

(57) This invention relates to a composition, comprising: (A) a compound represented by the formula



wherein in Formula (A-I): R¹, R² and R³ are independently hydrogen or hydrocarbyl groups; X is O or S; n is zero, 1 or 2; and T is a hydrocarbyl group, a hetero group, a hydroxyhydrocarbyl group, or an activating group; with the proviso that when n is zero, T can be a metal, and when n is 2, each R² and R³ can be the same or different; and (B) an acylated nitrogen-containing compound having a substituent of at least about 10 carbon atoms. In one embodiment, the inventive composition further comprises (C) a phosphorus compound. In one embodiment, the inventive composition further comprises (D) an organic sulfide. In one embodiment, the inventive composition further comprises (E) a heterocyclic compound. In one embodiment, the inventive composition further comprises (F) a thiocarbamate. In one embodiment, the invention relates to a process comprising mixing the foregoing components (A) and (B) with an oil of lubricating viscosity, and, optionally, one or more of the foregoing components (C), (D), (E) and/or (F). The inventive compositions are useful in formulating lubricating compositions and functional fluids characterized by enhanced anti-wear properties.

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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	DATABASE WPI Section Ch, Week 9536 Derwent Publications Ltd., London, GB; Class A97, AN 95-273093 XP002055035 & JP 07 173 482 A (TONEN CORP) , 11 July 1995 * abstract * ---	1,2,7,8, 10	C10M141/08 C10M141/10 //(C10M141/08, 133:52,135:14, 135:18,135:20, 135:36), (C10M141/10, 133:52,135:14, 135:18,135:20, 135:36), 135:36, 137:10), C10N30:06
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The present search report has been drawn up for all claims			
Place of search EPO FORM 1501.03.82 (P04C01)	Date of completion of the search 9 February 1998	Examiner Hilgenga, K	
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<p>The present search report has been drawn up for all claims</p>			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	9 February 1998	Hilgenga, K	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			