

Title (en)

New thiophosphorous compounds, a process for preparing same and use of said compounds as lubricant additives.

Title (de)

Neue Thiophosphorverbindungen, Verfahren zu ihrer Herstellung und ihre Verwendung als Schmiermittelzusatzstoffe.

Title (fr)

Nouveaux composés thiophosphores leur préparation et leur utilisation comme additifs pour lubrifiants.

Publication

EP 0390664 A2 19901003 (FR)

Application

EP 90400818 A 19900323

Priority

FR 8904345 A 19890330

Abstract (en)

[origin: US5080812A] A new class of antiwear and extreme-pressure additives consisting of thiophosphoretted compounds obtained by reacting phosphorus sulfides, especially phosphorus decasulfide P₄S₁₀, with surfactant detergent additives, is described. The reaction product can be optionally treated by at least one active hydrogen compound: water, alcohol, phenol, acid, ammonia, amine, amide and/or mercaptan.

Abstract (fr)

On décrit une nouvelle classe d'additifs antiusure et extrême-pression constituée de composés thiophosphorés obtenus par réaction de sulfures de phosphore, et notamment de décasulfure de phosphore P₄S₁₀, avec des additifs détergents surfactants. Le produit de réaction peut être éventuellement traité par au moins un composé à hydrogène actif: eau, alcool, phénol, acide, ammoniac, amine, amide et/ou mercaptan.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Cited by

FR2716891A1; US5696062A; EP0639634A1; FR2709076A1; US5462682A; WO9630467A1

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