

Title (en)
Lubricants and functional fluids having enhanced foam-inhibiting properties.

Title (de)
Erhöhte schaumhemmende Eigenschaften besitzende Schmiermittel und funktionelle Flüssigkeiten.

Title (fr)
Lubrifiants et fluides fonctionnels ayant des propriétés inhibitrices de mousse.

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Application
EP 91307806 A 19910823

Priority
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Abstract (en)
Enhanced foam-inhibition properties result from a lubricant or functional fluid composition which comprises a base oil of lubricating viscosity having included therein a foam-inhibiting amount of a combination of (i) up to 50 ppm of a silicone oil having a viscosity above 1000 cP at 20 DEG C, and (ii) up to 25 ppm of metal as alkali and/or alkaline earth metal phenate.

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IPC 8 full level
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Citation (search report)
• [X] US 2972579 A 19610221 - DELFEL NORMAN E
• [Y] US 3213024 A 19651019 - DUANE BLAKE GILBERT, et al
• [X] EP 0037186 A2 19811007 - EXXON RESEARCH ENGINEERING CO [US]
• [X] US 3436348 A 19690401 - CHAO TAI S, et al
• [X] CH 587339 A5 19770429 - TENNECO CHEM
• [X] US 4131551 A 19781226 - THOMPSON JERRY L, et al
• [A] US 3450636 A 19690617 - RAUSCH MAURICE K
• [A] US 2435124 A 19480127 - BOLLINGER LOREN C
• [A] US 2993856 A 19610725 - HEISIG THEODORE C, et al

Cited by
US5662832A; EP0681023A1; GB2289287A; US5629273A; US5442010A; US5516832A; RU2673482C1; US5507960A; US5514419A; US5955536A

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