

Title (en)  
FUNCTIONAL FLUID OR LUBRICANT

Publication  
**EP 0243026 A3 19890802 (EN)**

Application  
**EP 87302923 A 19870403**

Priority  
US 85196186 A 19860414

Abstract (en)  
[origin: EP0243026A2] A function fluid, such as a lubricating oil, has improved anti-wear properties by the presence therein of one or more substituted compounds, being substituted pyridines, pyrimidines, pyrazines, pyridazines and/or fused ring derivatives thereof. Examples of such compounds are 2-(aminomethyl) pyridine, 3-chloropyridine, 4,4'-dithiodipyridine, 5-bromopyrimidine, 3-chloro-2,5-dimethylpyrazine, 3-4-5-trichlorpyridazine and 6-methoxyquinoline.

IPC 1-7  
**C10M 133/40**; **C10M 135/32**

IPC 8 full level  
**C10M 133/40** (2006.01); **C10M 135/32** (2006.01); **C10N 30/06** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP KR)  
**C10M 131/06** (2013.01 - KR); **C10M 133/40** (2013.01 - EP); **C10M 135/32** (2013.01 - EP); **C10M 2215/22** (2013.01 - EP); **C10M 2215/221** (2013.01 - EP); **C10M 2215/225** (2013.01 - EP); **C10M 2215/226** (2013.01 - EP); **C10M 2215/30** (2013.01 - EP); **C10M 2219/09** (2013.01 - EP)

Citation (search report)  
• US 4113725 A 19780912 - NNADI JOHN C, et al  
• Derwent Accession No. 82-13 160, Questel Telesystems (WPIL) Derwent Publications Ltd., London \*Abstract\* & SU-A-825601 (Rost Univ)

Cited by  
CN116042288A; EP0294060A3; CN112552979A; US7612025B2; US7563752B2; US7625847B2

Designated contracting state (EPC)  
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**EP 0243026 A2 19871028**; **EP 0243026 A3 19890802**; AU 597640 B2 19900607; AU 7147887 A 19871015; BR 8701761 A 19880202; CA 1284488 C 19910528; JP S62243692 A 19871024; KR 870010168 A 19871130

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**EP 87302923 A 19870403**; AU 7147887 A 19870413; BR 8701761 A 19870413; CA 533770 A 19870403; JP 8897887 A 19870413; KR 870003463 A 19870411