

Title (en)  
Additives for fluorinated oils

Title (de)  
Zusatz für fluoriertes Öl

Title (fr)  
Additive d'huiles fluorées

Publication  
**EP 1712580 B1 20081210 (EN)**

Application  
**EP 06006673 A 20060330**

Priority  
IT MI20050646 A 20050414

Abstract (en)  
[origin: EP1712580A1] Compounds of formula wherein - R f is a (per)fluoropolyoxyalkylene chain having a number average molecular weight in the range 500-10,000; - W 1 , W 2 , equal to or different from each other, are -F or -CF 3 ; - T 1 is equal to -CHA a -B a (CH 2 CH 2 O) na - wherein A a =H, CF 3; B a = O, S, NH; na=0 or an integer between 1 and 6; - T 2 is equal to -F, -CF 3 , -C 2 F 5 , -(C 2 F 4 )Cl, or a group of formula: - Q 1 , Q 2 , equal to or different from each other, are a chain of formula -T 1 -CFW 1 -O-R f -CFW 2 -T' 2 , wherein: T' 2 is equal to -F, -CF 3 , -C 2 F 5 , -(C 2 F 4 )Cl; or is a group of formula: wherein B is equal to O, S, NH; R 1 , R 2 , R 3 , R 4 , R 5 equal to or different from each other are selected from H, F, NO 2 , CN, C 1 -C 8 perfluoroalkyl, carboxyl, phenyl (Ph), O-Ph, NH-Ph, S-Ph; with the proviso that at least one of Q 1 and Q 2 is equal to:

IPC 8 full level  
**C08G 65/00** (2006.01); **C10M 107/20** (2006.01)

CPC (source: EP)  
**C10M 133/42** (2013.01); **C10M 169/00** (2013.01); **C10M 169/04** (2013.01); **C10M 2201/103** (2013.01); **C10M 2207/1256** (2013.01); **C10M 2213/0606** (2013.01); **C10M 2213/0626** (2013.01); **C10M 2215/222** (2013.01); **C10M 2217/0456** (2013.01); **C10N 2010/02** (2013.01); **C10N 2010/04** (2013.01); **C10N 2030/08** (2013.01); **C10N 2030/10** (2013.01); **C10N 2030/12** (2013.01); **C10N 2050/10** (2013.01); **C10N 2070/00** (2013.01)

C-Set (source: EP)  
1. **C10M 2213/0626 + C10N 2020/06**  
2. **C10M 2215/222 + C10N 2060/08**

Cited by  
WO2012072532A1; US2013237462A1; US9550954B2; US8405929B2; US11661478B2; WO2011042374A1; US9023977B2; EP2691499A2

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
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