

Title (en)
METHOD OF FOR REDUCING WEAR ON SURFACES SUBJECTED TO FRICTIONAL FORCES

Publication
EP 0420868 B1 19930915 (EN)

Application
EP 89906387 A 19890517

Priority
GB 8811696 A 19880518

Abstract (en)
[origin: WO8911518A2] A method and composition for reducing wear on surfaces subjected to frictional forces. The lubricating compositions can be applied in a carrier which may be organic or inorganic in nature. They function by providing a regime in which multimolecular layers are adsorbed onto the surfaces to be protected, thus enabling comparatively thick protective films to be built up on the surfaces subjected to frictional wear. The molecules having this property are essentially single or condensed unsaturated ring systems which comprise at least one six-membered unsaturated heterocyclic ring comprising at least one heterocyclic moiety which acts as a hydrogen acceptor and a hydrogen donor moiety. If substituents are present they should not create steric hindrance and/or render the molecule so basic or acidic as to alter the steric geometry of the molecule as to prevent the interaction of the active groups.

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C10L 1/22; **C10M 133/38**; **C10M 133/40**

IPC 8 full level
C10L 1/18 (2006.01); **C10L 1/00** (2006.01); **C10L 1/22** (2006.01); **C10L 1/232** (2006.01); **C10L 10/08** (2006.01); **C10M 133/38** (2006.01); **C10M 133/40** (2006.01); **C10M 169/04** (2006.01); **C10M 173/00** (2006.01); **C10N 30/06** (2006.01)

CPC (source: EP KR)
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