

Title (en)  
WATER-BASED LUBRICANT FOR SAW CHAINS

Publication  
**EP 0090342 B1 19860219 (DE)**

Application  
**EP 83102869 A 19830323**

Priority  
DE 3211352 A 19820327

Abstract (en)  
[origin: US4563294A] This saw chain lubricant is composed essentially of water and a water-soluble antifreeze agent, as main constituents, and of corrosion inhibitors, wear inhibitors and adhesion promoters in a quantity which is effective in each case, the adhesion promoter being a water-soluble polyethylene glycol and/or a water-soluble acrylamide copolymer which contains sulfonic acid groups, the molecular weight of each being at least 500,000. In combination with this adhesion promoter, which is present in an amount of 0.05 to 1% by weight, the lubricant contains 5 to 50% by weight of a water-soluble polyethylene oxide/polypropylene oxide adduct having a viscosity of at least 300 mPa.s at 50 DEG C., as a special lubricant, percentages by weight relating in each case to the weight of the agent.

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**C10M 173/02**

IPC 8 full level  
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CPC (source: EP US)  
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**EP 0090342 A2 19831005**; **EP 0090342 A3 19840307**; **EP 0090342 B1 19860219**; AT E18068 T1 19860315; BR 8301550 A 19831206; CA 1206141 A 19860617; DE 3211352 A1 19830929; DE 3362146 D1 19860327; FI 72739 B 19870331; FI 72739 C 19870710; FI 831007 A0 19830324; FI 831007 L 19830928; JP S58176297 A 19831015; US 4563294 A 19860107

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