

Title (en)  
PURIFICATION OF INDUSTRIAL LUBRICATING AGENTS

Title (de)  
REINIGUNG INDUSTRIELLER SCHMIERMITTEL

Title (fr)  
PURIFICATION D'AGENTS DE LUBRIFICATION INDUSTRIELS

Publication  
**EP 0451160 B1 19960911 (EN)**

Application  
**EP 89912680 A 19891121**

Priority  
• SE 8804206 A 19881121  
• SE 8900677 W 19891121

Abstract (en)  
[origin: WO9005768A1] Use of polymeric two-phase systems for removing microbial contaminants from industrial lubricating agents, a method of purifying microbial contaminated lubricating agents by mixing the lubricating agent with a polymeric two-phase system, allowing the mixture to separate so as to form a top-phase containing the lubricating agent and a bottom-phase containing at least part of the microbial contaminants, and separating at least a major part of the microbially enriched bottom-phase from the top-phase, a plant for microbial purification of lubricating agents comprising a mixing tank (4) having means (7, 8) for feeding microbially contaminated lubricating agent (S) to the mixing tank, means (13) for feeding a polymeric two-phase system to the mixing tank, a stirrer (5) in the mixing tank, means (9, 10) for feeding the mixture to a separation device (6) for separating the mixture into a top-phase (T) containing lubricating agents, and a bottom-phase (B) containing microbial contaminants, and means (18) for recovering the top-phase of the two-phase system, and a lubricating agent concentrate, in which at least part of the lubricating agent at the same time forms part of the top-phase component of the polymeric two-phase system.

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IPC 8 full level  
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C-Set (source: EP)  
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