

Title (en)

Brake fluids having a conserving activity and an amount of oleic acid.

Title (de)

Bremsflüssigkeiten mit konservierender Wirkung mit einem Gehalt an Ölsäure.

Title (fr)

Fluides de freinage à action conservatrice ayant une teneur en acide oléique.

Publication

EP 0011730 A1 19800611 (DE)

Application

EP 79104326 A 19791106

Priority

DE 2851057 A 19781125

Abstract (en)

1. Brake fluids based on polyglycol ethers and polyglycols and containing fatty acids, characterized in that they contain A) 10 to 40% by weight, based on the brake fluid, of polyalkylene glycols, in the form of uniform compounds or mixtures of compounds, of the formula I HO [R-O]_n H where R is a 1,2-ethylene and/or 1,2 propylene radical, the number of propylene radicals, based on the individual compound of the mixture, predominating, and n being a number of 10 or more, and the average molecular weight being 500 to 3000, B) 0.1 to 3% by weight of a fatty acid known to be a corrosion inhibitor, and, to make up 100%, the following constituents C) polyglycol ethers of the formula see diagramm : EP0011730,P6,F1 where R**1 is methyl or ethyl, R**2 is hydrogen or methyl, and n is a number from 2 to 4, D) if desired, polyglycols of ethylene oxide and/or propylene oxide having a molecular weight in the molecular weight range of lubricants usually used in brake fluids, and/or E) if desired, 20 to 50% by weight of boric acid esters of glycol ethers of the formula II, and F) small amounts of conventional antioxidants and inhibitors.

Abstract (de)

Bremsflüssigkeiten auf der Grundlage von Polyglykoläthern als Basiskomponenten, Polyglykolen als Schmiermittelkomponenten, Inhibitoren und Antioxydationsmittel mit einem Gehalt von A) 10 bis 40 Gew.%, bezogen auf die Bremsflüssigkeit von Polyalkylenglykolen in Form von einheitlichen Verbindungen oder Gemischen von Verbindungen der Formel I HO[R - O]_n - H , in der R einen 1,2-Äthylen- und/oder 1,2-Propylenrest, wobei, bezogen auf die einzelne Verbindung oder das Gemisch, die Zahl der Propylenreste überwiegt und n eine Zahl von 10 oder mehr bedeutet, und wobei das durchschnittliche Molekulargewicht 500 bis 3 000 beträgt, und B) 0,1 bis 3 Gew.% einer an sich als Korrosionsinhibitor bekannten Fettsäure.

IPC 1-7

C10M 3/14

IPC 8 full level

C10M 107/34 (2006.01); **C10M 169/04** (2006.01)

CPC (source: EP)

C10M 105/78 (2013.01); **C10M 107/34** (2013.01); **C10M 129/38** (2013.01); **C10M 169/04** (2013.01); **C10M 2207/026** (2013.01); **C10M 2207/125** (2013.01); **C10M 2207/128** (2013.01); **C10M 2207/129** (2013.01); **C10M 2209/1033** (2013.01); **C10M 2209/104** (2013.01); **C10M 2209/1045** (2013.01); **C10M 2209/105** (2013.01); **C10M 2209/1055** (2013.01); **C10M 2209/1065** (2013.01); **C10M 2209/107** (2013.01); **C10M 2209/1075** (2013.01); **C10M 2209/1085** (2013.01); **C10M 2209/1095** (2013.01); **C10M 2215/04** (2013.01); **C10M 2215/042** (2013.01); **C10M 2215/22** (2013.01); **C10M 2215/221** (2013.01); **C10M 2215/225** (2013.01); **C10M 2215/226** (2013.01); **C10M 2215/26** (2013.01); **C10M 2215/30** (2013.01); **C10M 2223/041** (2013.01); **C10M 2227/061** (2013.01); **C10M 2227/0615** (2013.01); **C10M 2227/062** (2013.01); **C10M 2227/0625** (2013.01); **C10N 2020/01** (2020.05); **C10N 2040/08** (2013.01)

Citation (search report)

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