

Title (en)
GREASE COMPOSITION

Title (de)
SCHMIERMITTELZUSAMMENSETZUNG

Title (fr)
COMPOSITION DE GRAISSE

Publication
EP 1500693 A1 20050126 (EN)

Application
EP 03719158 A 20030422

Priority
• JP 0305114 W 20030422
• JP 2002127125 A 20020426

Abstract (en)
A grease composition containing a lubricant base oil, diurea compounds represented by the following general formulas (1) to (3), and an organic molybdenum compound; wherein respective contents of the diurea compounds represented by the following general formulas (1) to (3) satisfy conditions defined by the following expressions (4) and (5); and wherein the organic molybdenum compound is contained by 0.1 to 20 mass% based on the total amount of the grease composition: $\langle \text{CHEM} \rangle \langle \text{CHEM} \rangle \langle \text{CHEM} \rangle$ where $R_{<1>}$ is a hydrocarbon group containing an aromatic ring, $R_{<2>}$ is a divalent hydrocarbon group, and $R_{<3>}$ is a hydrocarbon group containing an aliphatic ring; $\langle \text{DF NUM} = "(4)" \rangle 5 \leq W1 + W2 + W3 \leq 30 \langle / \text{DF} \rangle$ $\langle \text{DF NUM} = "(5)" \rangle 0.1 \leq (W1 + 0.5 \times W2) / (W1 + W2 + W3) \leq 1.0 \langle / \text{DF} \rangle$ where $W1$, $W2$, and $W3$ are respective contents (mass%) of the diurea compounds represented by general formulas (1) to (3) based on the total amount of the grease composition.

IPC 1-7
C10M 169/06

IPC 8 full level
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CPC (source: EP US)
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Cited by
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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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