

Title (en)  
UREA GREASE COMPOSITION

Title (de)  
HARNSTOFF-SCHMIERFETTZUSAMMENSETZUNG

Title (fr)  
COMPOSITION DE GRAISSE À BASE D'URÉE

Publication  
**EP 2066769 A2 20090610 (EN)**

Application  
**EP 07820450 A 20070921**

Priority  
• EP 2007060023 W 20070921  
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Abstract (en)  
[origin: WO2008034892A2] The present invention aims to offer a urea grease composition which excels in noise performance, has long life at high temperatures and, further, also provides the basic performance of greases such as shear stability and heat resistance, as well as appropriate oil separation properties. The present invention provides a urea grease composition comprising: a diurea compound as shown by the General Formula (A) below: R<SUP>11</SUP>NHCONHR<SUP>12</SUP>NHCONHR<SUP>13</SUP>.... (A), (where R<SUP>11</SUP> and R<SUP>13</SUP> are groups selected from the group consisting of hydrocarbon groups having from 6 to 20 carbons, at least one of R<SUP>11</SUP> and R<SUP>13</SUP> is a dodecyl group and R<SUP>12</SUP> is a diphenylmethane group); and a diurea compound as shown by the General Formula (B) below: R<SUP>21</SUP>NHCONHR<SUP>22</SUP>NHCONHR<SUP>23</SUP>.... (B), (where R<SUP>21</SUP> and R<SUP>23</SUP> are groups selected from the group consisting of hydrocarbon groups having from 6 to 20 carbons, at least one of R<SUP>21</SUP> and R<SUP>23</SUP> is an oleyl group, and R<SUP>22</SUP> is a diphenylmethane group).

IPC 8 full level  
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**C10M 115/08** (2013.01 - EP KR US); **C10M 169/06** (2013.01 - EP KR US); **C10M 2203/1006** (2013.01 - EP US); **C10M 2205/0206** (2013.01 - EP US); **C10M 2207/0406** (2013.01 - EP US); **C10M 2215/064** (2013.01 - EP US); **C10M 2215/1026** (2013.01 - EP US); **C10N 2030/08** (2013.01 - EP US); **C10N 2030/76** (2020.05 - EP US); **C10N 2040/02** (2013.01 - KR); **C10N 2050/10** (2013.01 - EP KR US)

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US  
1. **C10M 2203/1006 + C10N 2020/02**  
2. **C10M 2205/0206 + C10N 2020/02**  
3. **C10M 2207/0406 + C10N 2020/02**  
4. **C10M 2215/1026 + C10M 2215/1026**

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See references of WO 2008034892A2

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