

Title (en)  
GREASE COMPOSITION AND ROLLING DEVICE

Title (de)  
SCHMIERFETTZUSAMMENSETZUNG UND ROLLVORRICHTUNG

Title (fr)  
COMPOSITION GRAISSEUSE ET DISPOSITIF DE ROULEMENT

Publication  
**EP 1719813 A4 20101103 (EN)**

Application  
**EP 04713673 A 20040223**

Priority  
JP 2004002057 W 20040223

Abstract (en)  
[origin: EP1719813A1] As a grease composition maintaining a low torque over a wide temperature range and further hardly inducing white texture flaking, the present invention provides a grease composition comprising a base oil having a dynamic viscosity at 40 °C of 20 to 50 mm<sup>2</sup>/s, a urea compound as a thickening agent in an amount of 8 to 30% by weight with respect to total weight of the grease, at least one antirust additive selected from carboxylic acids, carboxylate salts, and ester-based antirust additives in an amount of 0.1 to 10% by weight per single additive with respect to total weight of the grease and in an amount of 0.1 to 15% by weight in total of the additive with respect to total weight of the grease, and a rolling device comprising the grease composition which works with a low torque, hardly induces white texture flaking, and is excellent in durability.

IPC 8 full level  
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Citation (search report)  
• [A] US 6020290 A 20000201 - TAKATA TAKASHI [JP], et al  
• [A] US 6239085 B1 20010529 - SLACK DAVID ANTHONY [CA]  
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**EP 04713673 A 20040223**; CN 200480042059 A 20040223; JP 2004002057 W 20040223; US 59023804 A 20040223