

Title (en)  
WATER RESISTANT GREASE COMPOSITION

Title (de)  
WASSERBESTÄNDIGE SCHMIERFETTZUSAMMENSETZUNG

Title (fr)  
COMPOSITION DE GRAISSE RÉSISTANT À L'EAU

Publication  
**EP 2776541 A1 20140917 (EN)**

Application  
**EP 12791613 A 20121106**

Priority  
• US 201161557002 P 20111108  
• US 2012063685 W 20121106

Abstract (en)  
[origin: WO2013070588A1] A grease with improved water resistance is based on a combination of a polyamide thixotrope with a water insoluble thickener, preferably a lithium soap/complex thickener and an antioxidant/corrosion inhibitor/antiwear additive package. The improvement is maintained when highly effective or aggressive rust inhibitors which normally tend to degrade water wash out resistance are present in the grease. Another advantage is that resistance to fretting is significantly improved to the extent that the greases containing these components are capable of achieving a high level of resistance to false brinelling. The greases are particularly useful for application in wind turbine bearings.

IPC 8 full level  
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CPC (source: EP US)  
**C10M 115/08** (2013.01 - EP US); **C10M 123/02** (2013.01 - EP US); **C10M 169/06** (2013.01 - US); **C10M 2201/1036** (2013.01 - EP US); **C10M 2205/0285** (2013.01 - EP US); **C10M 2207/1256** (2013.01 - EP US); **C10M 2215/0813** (2013.01 - EP US); **C10M 2215/224** (2013.01 - EP US); **C10M 2223/043** (2013.01 - EP US); **C10N 2030/02** (2013.01 - EP US); **C10N 2030/04** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2030/12** (2013.01 - EP US); **C10N 2030/26** (2020.05 - EP US); **C10N 2030/70** (2020.05 - EP US); **C10N 2050/10** (2013.01 - EP US)

Citation (search report)  
See references of WO 2013070588A1

Designated contracting state (EPC)  
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**WO 2013070588 A1 20130516**; EP 2776541 A1 20140917; SG 11201401410Y A 20140627; US 2013130953 A1 20130523

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