

Title (en)  
Lubricant with reduced remnant viscosity

Title (de)  
Schmierstoff mit verringerter Rückstandsviskosität

Title (fr)  
Lubrifiant doté d'une viscosité à résistance

Publication  
**EP 2530138 A1 20121205 (DE)**

Application  
**EP 11004524 A 20110603**

Priority  
EP 11004524 A 20110603

Abstract (en)  
Lubricant comprises a polymer-ionic liquid mixture, or a polymeric ionic liquid. Independent claims are also included for: (1) the polymer-ionic liquid mixture or the polymeric ionic liquid exhibiting a conductivity of 2000-10000  $\mu\text{S/cm}$ , a pH of 5-10, a pour point of greater than -15[deg] C, and a viscosity of 10-150 mm<sup>2</sup>/s at 40[deg] C; and (2) preparing the polymer-ionic liquid mixture, comprising separating salts.

Abstract (de)  
Schmierstoff, der ein Polymer-IL-Gemisch oder eine polymere ionische Flüssigkeit enthält.

IPC 8 full level  
**C10M 161/00** (2006.01); **C10M 171/00** (2006.01); **C10M 173/00** (2006.01); **C10N 30/02** (2006.01); **C10N 30/08** (2006.01); **C10N 30/10** (2006.01); **C10N 30/12** (2006.01); **C10N 40/04** (2006.01); **C10N 40/08** (2006.01); **C10N 40/22** (2006.01); **C10N 40/24** (2006.01)

CPC (source: EP)  
**C10M 161/00** (2013.01); **C10M 171/00** (2013.01); **C10M 173/00** (2013.01); **C10M 2203/1006** (2013.01); **C10M 2209/12** (2013.01); **C10M 2215/02** (2013.01); **C10M 2215/14** (2013.01); **C10M 2215/221** (2013.01); **C10M 2215/223** (2013.01); **C10M 2215/224** (2013.01); **C10M 2215/226** (2013.01); **C10M 2217/028** (2013.01); **C10M 2219/044** (2013.01); **C10M 2223/04** (2013.01); **C10M 2223/06** (2013.01); **C10N 2020/077** (2020.05); **C10N 2020/091** (2020.05); **C10N 2030/02** (2013.01); **C10N 2030/08** (2013.01); **C10N 2030/10** (2013.01); **C10N 2030/12** (2013.01); **C10N 2030/68** (2020.05); **C10N 2040/04** (2013.01); **C10N 2040/08** (2013.01); **C10N 2040/22** (2013.01); **C10N 2040/24** (2013.01)

Citation (applicant)  
WO 2009106359 A1 20090903 - CARL BECHEM GMBH [DE], et al

Citation (search report)  

- [X] EP 2087931 A2 20090812 - EVONIK GOLDSCHMIDT GMBH [DE]
- [X] DE 102006000651 A1 20070712 - DEGUSSA [DE]
- [Y] EP 2022574 A1 20090211 - EVONIK GOLDSCHMIDT GMBH [DE]
- [Y] EP 2022840 A2 20090211 - EVONIK GOLDSCHMIDT GMBH [DE]
- [A] DE 102008011781 A1 20090903 - CARL BECHEM GMBH [DE]
- [A] GB 1272100 A 19720426 - R W MOLL & CO, et al

Cited by  
CN115605563A

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2530138 A1 20121205**; WO 2012163550 A1 20121206

DOCDB simple family (application)  
**EP 11004524 A 20110603**; EP 2012002359 W 20120604