

Title (en)

OVERBASED METAL CARBOXYLATE COMPLEX GREASE AND PROCESS FOR MAKING

Title (de)

KOMPLEXSCHMIERFETTE VON ÜBERALKALISIERTEN METALLCARBOXYLATEN UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

GRAISSE COMPLEXE DE CARBOXYLATE DE MÉTAL SURBASIFIÉ ET SON PROCÉDÉ DE FABRICATION

Publication

EP 2344612 A4 20120829 (EN)

Application

EP 09811873 A 20090422

Priority

- US 2009041378 W 20090422
- US 9459808 P 20080905

Abstract (en)

[origin: WO2010027532A1] Complex greases of overbased alkaline earth metal carboxylates are prepared by reacting an overbased alkaline earth metal salt of a fatty acid, wherein the alkaline earth metal salt has an alkaline earth metal content of at least 14.5% and a non-volatile matter content of at least 95% with conversion agents to form a grease precursor. The grease precursor is then reacted with complexing agents to form a predominantly vaterite containing non-Newtonian modified overbased metal carboxylate complex grease.

IPC 8 full level

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CPC (source: EP US)

C10M 117/02 (2013.01 - EP US); **C10M 121/04** (2013.01 - EP US); **C10M 2203/1006** (2013.01 - EP US); **C10M 2207/2613** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2030/08** (2013.01 - EP US); **C10N 2030/10** (2013.01 - EP US); **C10N 2030/12** (2013.01 - EP US); **C10N 2030/26** (2020.05 - EP US); **C10N 2030/40** (2020.05 - EP US); **C10N 2030/62** (2020.05 - EP US); **C10N 2030/74** (2020.05 - EP US); **C10N 2050/10** (2013.01 - EP US)

C-Set (source: EP US)

C10M 2207/2613 + **C10N 2010/04**

Citation (search report)

- [XP] US 2008274923 A1 20081106 - RAMEY CHESTER E [US]
- [Y] US 2004063589 A1 20040401 - RAMEY CHESTER E [US], et al
- [Y] US 6063742 A 20000516 - KONZMAN EDWARD J [US]
- See references of WO 2010027532A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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