

Title (en)
LITHIUM COMPLEX HYBRID GREASE

Title (de)
LITHIUMKOMPLEXHYBRIDFETT

Title (fr)
GRAISSE HYBRIDE AU COMPLEXE DE LITHIUM

Publication
EP 4090723 B1 20231129 (DE)

Application
EP 21704440 A 20210203

Priority
• DE 102020112993 A 20200513
• EP 2021052523 W 20210203

Abstract (en)
[origin: WO2021228442A1] The invention relates to a novel lithium complex hybrid grease based on a lithium complex grease in combination with a PFPE grease. The novel lithium complex hybrid grease can be used at higher temperatures, does not form layers in the process, and exhibits a low hardening tendency. The invention additionally relates to the use of the novel lithium complex hybrid grease in components in the automotive field and in the industrial field.

IPC 8 full level
C10M 169/02 (2006.01)

CPC (source: EP US)
C10M 105/18 (2013.01 - US); **C10M 105/36** (2013.01 - US); **C10M 107/08** (2013.01 - US); **C10M 107/38** (2013.01 - US);
C10M 111/04 (2013.01 - US); **C10M 117/06** (2013.01 - US); **C10M 169/02** (2013.01 - EP US); **C10M 2205/0265** (2013.01 - US);
C10M 2205/063 (2013.01 - EP); **C10M 2207/0406** (2013.01 - US); **C10M 2207/1256** (2013.01 - EP); **C10M 2207/1276** (2013.01 - EP);
C10M 2207/1285 (2013.01 - US); **C10M 2207/2855** (2013.01 - EP US); **C10M 2207/286** (2013.01 - EP); **C10M 2207/2865** (2013.01 - EP);
C10M 2213/0606 (2013.01 - US); **C10M 2213/0623** (2013.01 - EP); **C10N 2020/01** (2020.05 - EP); **C10N 2030/08** (2013.01 - EP);
C10N 2040/02 (2013.01 - EP US); **C10N 2040/04** (2013.01 - US); **C10N 2040/30** (2013.01 - US); **C10N 2040/38** (2020.05 - US);
C10N 2050/10 (2013.01 - EP US)

C-Set (source: EP)
C10M 2207/1256 + C10N 2010/02

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

DOCDB simple family (publication)
DE 102020112993 A1 20211118; CN 115461434 A 20221209; CN 115461434 B 20240322; EP 4090723 A1 20221123;
EP 4090723 B1 20231129; US 2023138681 A1 20230504; WO 2021228442 A1 20211118

DOCDB simple family (application)
DE 102020112993 A 20200513; CN 202180034746 A 20210203; EP 2021052523 W 20210203; EP 21704440 A 20210203;
US 202117904257 A 20210203