

Title (en)

Biodegradable grease composition using distillation residue generated in production of biodiesel

Title (de)

Biologisch abbaubare Schmierfettformulierung basierend auf dem Destillationsrückstand der Biodieselproduktion

Title (fr)

Composition de graisse biodégradable à base d'un résidu de la distillation de la production de biodiesel

Publication

EP 1944352 B1 20100811 (EN)

Application

EP 07118302 A 20071011

Priority

KR 20070003691 A 20070112

Abstract (en)

[origin: EP1944352A1] A grease composition using lubricating base oil that is biodegradable by microorganisms in nature and has an affinity to the human body is provided. More particularly, a distillation residue secondarily generated in production of biodiesel from vegetable oil (soybean oil and canola oil) is used as the lubricating base oil. The grease composition is produced by adding 1 to 20wt% of additives to 100 to 95wt% of distillation residues, which is generated in production of biodiesel, and 1 to 30wt% of thickeners.

IPC 8 full level

C10M 169/00 (2006.01); **C10M 101/04** (2006.01); **C10M 109/00** (2006.01); **C10M 177/00** (2006.01); **C10N 10/02** (2006.01); **C10N 10/06** (2006.01)

CPC (source: EP KR)

C10M 101/04 (2013.01 - KR); **C10M 109/00** (2013.01 - EP); **C10M 113/08** (2013.01 - KR); **C10M 169/00** (2013.01 - EP KR); **C10M 177/00** (2013.01 - EP); **C10M 2201/1036** (2013.01 - EP); **C10M 2201/1056** (2013.01 - EP); **C10M 2207/1265** (2013.01 - EP); **C10M 2207/1276** (2013.01 - EP); **C10M 2207/1285** (2013.01 - EP); **C10M 2207/2815** (2013.01 - EP); **C10M 2207/2895** (2013.01 - EP); **C10M 2207/40** (2013.01 - EP); **C10M 2207/401** (2013.01 - EP); **C10M 2209/084** (2013.01 - EP); **C10M 2215/223** (2013.01 - EP); **C10M 2217/0406** (2013.01 - EP); **C10M 2219/068** (2013.01 - EP); **C10N 2010/02** (2013.01 - EP); **C10N 2010/06** (2013.01 - EP); **C10N 2020/081** (2020.05 - EP); **C10N 2030/64** (2020.05 - EP); **C10N 2050/10** (2013.01 - EP); **C10N 2070/00** (2013.01 - EP)

Cited by

SG154349A1; EP2290010A1

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