

Title (en)

Composition of water-soluble metal working fluid using distillation residue generated in production of biodiesel

Title (de)

Wasserlösliche Metallbearbeitungsflüssigkeit basierend auf einem Destillationsrückstand der Biodieselproduktion

Title (fr)

Lubrifiant soluble dans l'eau pour le travail des métaux à base d'un résidu de la distillation de la production de biodiesel

Publication

EP 1944353 B1 20100310 (EN)

Application

EP 07118301 A 20071011

Priority

KR 20070003692 A 20070112

Abstract (en)

[origin: EP1944353A1] A composition of a water-soluble metalworking fluid used in metal machining is provided. The water-soluble metalworking fluid is formed by adding 5 to 70wt% additives to 5 to 95wt% distillation residues that is generated in production of biodiesel and used as lubricating base oil, and 0 to 70wt% ion exchange water.

IPC 8 full level

C10M 173/00 (2006.01); **C10M 109/00** (2006.01); **C10M 169/04** (2006.01); **C10M 177/00** (2006.01); **C10N 40/20** (2006.01)

CPC (source: EP KR US)

C10M 101/04 (2013.01 - KR); **C10M 109/00** (2013.01 - EP US); **C10M 127/00** (2013.01 - KR); **C10M 169/04** (2013.01 - KR); **C10M 173/00** (2013.01 - EP US); **C10M 177/00** (2013.01 - EP US); **C10M 2207/125** (2013.01 - EP US); **C10M 2207/281** (2013.01 - EP US); **C10M 2207/2815** (2013.01 - EP US); **C10M 2207/40** (2013.01 - EP US); **C10M 2209/104** (2013.01 - EP US); **C10M 2215/042** (2013.01 - EP US); **C10M 2215/223** (2013.01 - EP US); **C10M 2229/02** (2013.01 - EP US); **C10N 2020/081** (2020.05 - EP US); **C10N 2030/12** (2013.01 - EP US); **C10N 2030/64** (2020.05 - EP US); **C10N 2040/20** (2013.01 - EP US); **C10N 2050/01** (2020.05 - EP US); **C10N 2070/00** (2013.01 - EP US)

Cited by

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