

Title (en)

LUBRICATING OIL COMPOSITIONS WITH IMPROVED OXIDATIVE PERFORMANCE COMPRISING ALKYLATED DIPHENYLAMINE ANTIOXIDANT AND SULFONATE DETERGENTS

Title (de)

SCHMIERÖLZUSAMMENSETZUNGEN MIT VERBESSERTER OXIDATIVER LEISTUNG, DIE ALKYLIERTES DIPHENYLAMIN ALS ANTIOXIDANS UND SULFONATHALTIGE DETERGENZIEN UMFASSEN

Title (fr)

COMPOSITIONS D'HUILE LUBRIFIANTE AYANT UNE PERFORMANCE OXYDATIVE AMÉLIORÉE COMPRENANT UN ANTIOXYDANT DE DIPHÉNYLAMINE ALKYLÉE ET DES DÉTERGENTS À BASE DE SULFONATE

Publication

**EP 4118171 A1 20230118 (EN)**

Application

**EP 21712224 A 20210310**

Priority

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- IB 2021051971 W 20210310

Abstract (en)

[origin: WO2021181286A1] Lubricating oil composition is provided. The composition includes several components including a base oil, a primary antioxidant including alkylated diphenylamines having an alkyl group derived from a propylene tetramer; and a sulfonate detergent.

IPC 8 full level

**C10M 163/00** (2006.01); **C10N 10/04** (2006.01); **C10N 10/12** (2006.01); **C10N 20/00** (2006.01); **C10N 30/00** (2006.01); **C10N 30/10** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP KR US)

**C10M 133/12** (2013.01 - US); **C10M 135/10** (2013.01 - US); **C10M 163/00** (2013.01 - EP KR); **C10M 169/04** (2013.01 - KR US); **C10M 2207/026** (2013.01 - EP KR); **C10M 2215/064** (2013.01 - EP KR US); **C10M 2215/28** (2013.01 - EP KR); **C10M 2219/046** (2013.01 - EP KR US); **C10M 2219/068** (2013.01 - EP KR); **C10M 2227/066** (2013.01 - EP KR); **C10N 2010/04** (2013.01 - EP KR); **C10N 2010/12** (2013.01 - EP KR); **C10N 2020/071** (2020.05 - EP KR); **C10N 2030/04** (2013.01 - US); **C10N 2030/10** (2013.01 - EP KR US); **C10N 2030/52** (2020.05 - EP KR); **C10N 2040/25** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2021181286A1

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