

Title (en)

LUBRICANT OIL COMPOSITION WITH IMPROVED FRICTION REDUCING PROPERTIES

Publication

EP 0302149 B1 19920102 (EN)

Application

EP 87306874 A 19870803

Priority

EP 87306874 A 19870803

Abstract (en)

[origin: EP0302149A1] A lubricating oil composition having improved friction reducing properties and the method of reducing friction in internal combustion engines by lubricating said engines with said lubricating oil which contains an effective friction reducing amount of an additive which is the reaction product of dimer carboxylic acid and a polyhydric alcohol having at least 2 hydroxy groups in combination with an oil soluble alkanol or an oil soluble alkyl phosphate.

IPC 1-7

C10M 129/02; **C10M 141/06**; **C10M 141/10**; **C10N 40/00**

IPC 8 full level

C10M 141/10 (2006.01); **C10M 161/00** (2006.01)

CPC (source: EP)

C10M 141/10 (2013.01); **C10M 161/00** (2013.01); **C10M 2207/021** (2013.01); **C10M 2207/287** (2013.01); **C10M 2207/288** (2013.01); **C10M 2207/289** (2013.01); **C10M 2209/102** (2013.01); **C10M 2223/04** (2013.01); **C10M 2223/041** (2013.01); **C10M 2223/042** (2013.01); **C10N 2040/25** (2013.01); **C10N 2040/251** (2020.05); **C10N 2040/255** (2020.05); **C10N 2040/28** (2013.01)

Cited by

CN103328088A; KR20140068797A; US9051417B2; WO2013048763A1; US8968828B2; US9051227B2

Designated contracting state (EPC)

BE DE FR GB

DOCDB simple family (publication)

EP 0302149 A1 19890208; **EP 0302149 B1 19920102**; DE 3775769 D1 19920213

DOCDB simple family (application)

EP 87306874 A 19870803; DE 3775769 T 19870803