

Title (en)

BIODEGRADABLE OLEIC ESTOLIDE ESTER BASE STOCKS AND LUBRICANTS

Title (de)

VERWENDUNG BIOLOGISCH ABBAUBARER OLSÄURE-ESTOLID-ESTER ALS BASISÖL UND SCHMIERÖL

Title (fr)

UTILISATION D'ESTERS D'ESTOLIDES DERIVES D'ACIDES OLEIQUES COMME HUILES DE BASE ET LUBRIFIANTS

Publication

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Application

EP 98958608 A 19981116

Priority

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- US 19190798 A 19981113

Abstract (en)

[origin: WO9925794A1] Esters of estolides derived from oleic acids are characterized by superior properties for use as lubricant base stocks. These estolides may also be used as lubricants without the need for fortifying additives normally required to improve the lubricating properties of base stocks.

IPC 1-7

C10M 105/34; C10M 107/30; C07C 69/66; C08G 63/08; C10M 101/04

IPC 8 full level

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CPC (source: EP)

C10M 101/04 (2013.01); **C10M 105/32** (2013.01); **C10M 107/30** (2013.01); **C10M 2207/28** (2013.01); **C10M 2209/00** (2013.01); **C10M 2209/02** (2013.01); **C10M 2209/10** (2013.01)

Citation (search report)

- [X] US 4867965 A 19890919 - CIAUDELLI JOSEPH P [US]
- [Y] US 2652411 A 19530915 - TEETER HOWARD M, et al
- [Y] US 2049072 A 19360728 - MIKESKA LOUIS A, et al

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EP3913039A1; WO2018188803A1; CN110431218A; AU2018251648B2; EP3913039B1; DE102018002891A1; US10829436B2

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WO 9925794 A1 19990527; AT E337390 T1 20060915; AU 1461399 A 19990607; CA 2309914 A1 19990527; CA 2309914 C 20070306; DE 69835694 D1 20061005; DE 69835694 T2 20070823; EP 1051465 A1 20001115; EP 1051465 A4 20020605; EP 1051465 B1 20060823; ES 2272013 T3 20070416

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