

Title (en)
PROCESS FOR THE PREPARATION OF MAGNESIUM ALKYL PHENATES

Publication
EP 0016676 B1 19821013 (FR)

Application
EP 80400270 A 19800227

Priority
FR 7906060 A 19790309

Abstract (en)
[origin: ES489289A1] A method of preparing magnesium alkylphenates comprising: 1. preparing a suspension of "active" magnesium oxide in methanol 2. contacting said suspension with a mixture containing (a) an alkylphenol bearing one or more C6-C60 alkyl substituents (b) a dilution oil (c) and optionally a heavy alcohol of a boiling point of between 100 DEG and 200 DEG C., the ratio of number of mols of "active" magnesium oxide to number of recurrent phenolic OH units being between about 0.25 and 2 and 3. carbonating the resultant medium under pressure with carbon dioxide. The magnesium alkylphenates thus obtained are suitable detergent-dispersant additives for lubricating oils in amounts of between about 1 and 8 percent of the weight of the oils.

IPC 1-7
C10M 1/20; **C10M 1/38**; **C07F 3/00**

IPC 8 full level
C07C 27/00 (2006.01); **C07C 37/66** (2006.01); **C07C 39/235** (2006.01); **C07C 67/00** (2006.01); **C07F 3/00** (2006.01); **C10M 159/22** (2006.01); **C10N 10/04** (2006.01); **C10N 30/04** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP US)
C10M 159/22 (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH DE GB IT NL SE

DOCDB simple family (publication)
EP 0016676 A1 19801001; **EP 0016676 B1 19821013**; AT E1647 T1 19821015; BR 8001372 A 19801111; CA 1123015 A 19820504; DE 3060929 D1 19821118; ES 489289 A1 19800816; FR 2450868 A1 19801003; FR 2450868 B1 19830520; JP S55143923 A 19801110; JP S6011894 B2 19850328; MX 7049 E 19870407; US 4382004 A 19830503; ZA 801364 B 19810325

DOCDB simple family (application)
EP 80400270 A 19800227; AT 80400270 T 19800227; BR 8001372 A 19800307; CA 347252 A 19800307; DE 3060929 T 19800227; ES 489289 A 19800307; FR 7906060 A 19790309; JP 2823280 A 19800307; MX 869580 U 19800306; US 28922081 A 19810803; ZA 801364 A 19800307