

Title (en)

PROCESS FOR THE PREPARATION OF SULPHURIZED ALKYLPHENATES FOR USE AS LUBRICATING OIL ADDTIVES

Publication

EP 0102255 B1 19860910 (FR)

Application

EP 83401269 A 19830620

Priority

FR 8211060 A 19820624

Abstract (en)

[origin: US4514313A] High alkalinity sulfurized alkylphenates of alkaline earth metals useful as lubricating oil additives and methods of making them are disclosed. A sulfurized alkylphenol is neutralized with an alkaline-earth base in the presence of an oil, a glycol, and halide ions, the glycol being present in the form of a mixture with an alcohol having a boiling point above 150 DEG C. Alcohol, glycol, water, and sediment are removed from the resultant medium and the medium is then carbonated. After carbonation, alcohol, glycol, water, and sediment are removed.

IPC 1-7

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IPC 8 full level

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US 4514313 A 19850430; AT E22112 T1 19860915; AU 1612583 A 19840105; AU 557851 B2 19870108; BR 8303347 A 19840207; CA 1182628 A 19850219; DE 3366063 D1 19861016; DK 162398 B 19911021; DK 162398 C 19920323; DK 290083 A 19831225; DK 290083 D0 19830623; EP 0102255 A1 19840307; EP 0102255 B1 19860910; ES 523542 A0 19840401; ES 8403964 A1 19840401; FR 2529226 A1 19831230; FR 2529226 B1 19870116; GB 2123022 A 19840125; GB 2123022 B 19851113; GB 8317023 D0 19830727; GR 78596 B 19850927; JP S5946262 A 19840315; JP S6242957 B2 19870910; MX 26983 A 19940331; PH 19427 A 19860415; PT 76930 A 19830701; PT 76930 B 19860311; ZA 834555 B 19840328

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