

Title (en)

Production of low fine sediment high TBN phenate stearate

Title (de)

Herstellung von Phenat-Stearat mit hohen Basenzahlen und geringer feiner Sedimentenformung

Title (fr)

Production de phénate stéarate à indice de base totale élevé ayant une formation de sédiments fins basse

Publication

**EP 0761648 B1 19990630 (EN)**

Application

**EP 96306180 A 19960823**

Priority

US 271695 P 19950823

Abstract (en)

[origin: EP0761648A2] An overbased phenate stearate is produced by overbasing a mixture that comprises sulfurized phenate, metal stearate (such as calcium stearate), at least one solvent, calcium hydroxide, and water, by contacting the mixture with carbon dioxide in the presence of an alkyl polyhydric alcohol, such as ethylene glycol. The level of agitation is maintained at a level sufficiently high so that all solids are suspended over the length of the overbasing step. The polyhydric alcohol to water ratio is maintained sufficiently high so that the ratio is at least 4:1 at the end of the overbasing step. The overbased mixture is stripped to produce an overbased phenate stearate having less than 0.10 vol.% fine sediments.  
<IMAGE>

IPC 1-7

**C07C 323/20**; C10M 159/22; C07G 17/00

IPC 8 full level

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