

Title (en)

Petroleum additive and process for producing alkaline earth metal salt of an aromatic hydroxy-carboxylic acid.

Title (de)

Erdöladditiv und Verfahren zur Herstellung eines Erdalkalimetallsatz von einer aromatischen Hydroxycarbonsäure.

Title (fr)

Additif pour huile minérale et procédé pour préparer un sel alcalino-terreux d'acide aromatique hydroxy-carboxylique.

Publication

EP 0675191 A2 19951004 (EN)

Application

EP 95104736 A 19950330

Priority

JP 8585794 A 19940330

Abstract (en)

A petroleum additive containing an alkaline earth metal salt of an aromatic hydroxy-carboxylic acid, wherein the alkaline earth metal salt is substantially free of an alkali metal and the ratio of salicylic acid skeleton to total benzene nuclei is 0.4:1 to 0.95:1. Also, a process for producing an alkaline earth metal salt of an aromatic hydroxy-carboxylic acid involving: i) reacting an alkaline earth metal salt of a phenol with carbon dioxide; ii) reacting the resulting free phenol with an alkaline earth metal reagent in the presence of 2.0 to 15.0 mol of a dihydric alcohol per 1 mol of the alkaline earth metal reagent (when no water is added) or in the presence of 0.01 to 10.0 mol of water and 1.5 to 10.0 mol of a dihydric alcohol each per 1 mol of the alkaline earth metal reagent; and iii) repeating the reaction with carbon dioxide.

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Cited by

EP1479752A3; EP0957153A1; EP1489159A1; SG137683A1; EP0985726A1; SG82639A1; EP0933417A1; US7163911B2; US6348438B1; US6391833B1

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