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(54) **Petroleum additive and process for producing alkaline earth metal salt of an aromatic hydroxy-carboxylic acid**

(57) 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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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Y	EP-A-0 588 368 (COSMO) * claims 2,5,10; example 1 * ---	1-18	C10L1/18 C10M159/22 C07C51/41 //C10N70:00
Y	EP-A-0 558 021 (COSMO) * page 4 - page 5 * ---	1-18	
X	FR-A-1 079 237 (N.V. DE BATAAFSCHE PETROLEUM MAATSCHAPPIJ) * the whole document * ---	1,2	
X	FR-E-68 753 (N.V. DE BATAAFSCHE PETROLEUM MAATSCHAPPIJ) * the whole document * ---	1,2	
A	EP-A-0 248 465 (SHELL) * the whole document * ---	1-18	
A	EP-A-0 300 486 (COSMO) * the whole document * ---	1-18	
D,A	DATABASE WPI Week 8704 Derwent Publications Ltd., London, GB; AN 87-025789 & JP-A-61 282 336 (MARUZEN OIL) * abstract * ---	1-18	TECHNICAL FIELDS SEARCHED (Int.Cl.6) C10M C07C C10L
D,A	DATABASE WPI Week 8533 Derwent Publications Ltd., London, GB; AN 85-200926 & JP-A-60 127 396 (MARUZEN OIL) * abstract * ---	1-18	
A	GB-A-1 184 020 (SHELL) * the whole document * -----	1,2	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 18 October 1995	Examiner De La Morinerie, B
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application I : document cited for other reasons ----- & : member of the same patent family, corresponding document			