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54 Process for preparing overbased sulfurized phenates.

To overbased sulfurized phenates formed by the process comprising contacting at reaction conditions a composition a phenolic compound, sulfur and an alkaline earth metal base selected from the group consisting of calcium, barium, magnesium, and strontium, in an amount insufficient to fully react with the phenolic compound, and contacting the above intermediate composition with an additional amount of alkaline earth metal base and carbon dioxide, wherein the molar ratio of carbon dioxide absorbed to overbasing alkaline earth metal is from about 0.70 to about 0.95.

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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT					
Category	Citation of document wit of relev	th indication, where approprant passages	oriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
A	FR-A-2 305 494 * Claims 1,3,1 1-32; page 19, 6	l3; page 5,	lines	1,3-10	C 10 M 1/42
D,A	US-A-3 194 761 * Column 1, li line 62 *		umn 2,	1-10	
					TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
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<u></u>	The present search report has t				
Place of search THE HAGUE Date of completion of the 30-05-198				ROTSA	Examiner ERT L.D.C.
A: ted O: no	CATEGORY OF CITED DOCU rticularly relevant if taken alone rticularly relevant if combined we become to the same category chnological background on-written disclosure termediate document	vith another D L	after the filing: document cit document cit	g date led in the ap led for other	lying the invention but published on, or plication reasons ent family, corresponding