

Title (en)
PROCESS FOR PREPARING OVERBASED SULFURIZED PHENATES

Publication
EP 0091789 A3 19840905 (EN)

Application
EP 83301955 A 19830407

Priority
US 36642882 A 19820408

Abstract (en)
[origin: EP0091789A2] Overbased sulfurized phenates formed by the process comprising contacting at reaction conditions a composition comprising 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.

IPC 1-7
C10M 1/42

IPC 8 full level
C07C 67/00 (2006.01); **C07C 313/00** (2006.01); **C07C 319/14** (2006.01); **C07C 323/20** (2006.01); **C10M 159/22** (2006.01); **C10N 10/04** (2006.01); **C10N 30/04** (2006.01); **C10N 30/10** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP)
C10M 159/22 (2013.01)

Citation (search report)
• [A] FR 2305494 A1 19761022 - INST FRANCAIS DU PETROLE [FR]
• [AD] US 3194761 A 19650713 - JOSEPH FOX WILLIAM, et al

Cited by
EP0425513A4; JP2014015612A

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0091789 A2 19831019; EP 0091789 A3 19840905; CA 1234155 A 19880315; JP H0432120 B2 19920528; JP S58185558 A 19831029

DOCDB simple family (application)
EP 83301955 A 19830407; CA 424796 A 19830329; JP 6009283 A 19830407