

Title (en)

PROCESS FOR PREPARING OVERBASED OIL SOLUBLE MAGNESIUM SALTS

Publication

EP 0011069 B1 19821103 (EN)

Application

EP 78300625 A 19781114

Priority

EP 78300625 A 19781114

Abstract (en)

[origin: EP0011069A1] A process for preparing an over-based, oil-soluble magnesium salt of a sulphonic acid comprises contacting an acidic gas in the presence of a promoter system with a mixture of an oil-soluble magnesium salt of a sulphonic acid, a light magnesium oxide and an inert diluent. The promoter system comprises (1) a carboxylic compound selected from the group of compounds consisting of lower carboxylic acids, lower carboxylic anhydrides, substituted lower carboxylic acids, and metal salts and esters of lower carboxylic acids, (2) water, and optionally (3) a lower alkanol or lower alkoxy alkanol. The reaction is carried out at a temperature ranging from approximately 10 DEG C (50 DEG F) up to reflux temperature of the mixture. The volatile components are stripped from the reaction mixture after absorption of the acidic gas is at a desired level to give an over-based, oil-soluble magnesium salt of the sulphonic acid.

IPC 1-7

C07C 143/00; C07C 139/00; C10M 1/40; C10L 1/24

IPC 8 full level

C10M 159/24 (2006.01)

CPC (source: EP)

C10M 159/24 (2013.01)

Cited by

CN112697892A; FR2551765A1; NL8601561A; FR2586677A1

Designated contracting state (EPC)

BE CH DE FR GB LU NL SE

DOCDB simple family (publication)

EP 0011069 A1 19800528; EP 0011069 B1 19821103; DE 2862080 D1 19821209

DOCDB simple family (application)

EP 78300625 A 19781114; DE 2862080 T 19781114