

Title (en)

ALKYLSULFOSUCCINATES BASED ON PROPOXYLATED AS WELL AS PROPOXYLATED AND ETHOXYLATED FATTY ALCOHOLS AS COLLECTORS FOR NON-SULFIDIC MINERAL FLOTATION

Publication

EP 0270986 A3 19900425 (DE)

Application

EP 87117785 A 19871202

Priority

DE 3641870 A 19861208

Abstract (en)

[origin: US4814070A] Alkyl sulfosuccinates based on propoxylated and propoxylated and ethoxylated fatty alcohols as flotation collectors for non-sulfidic ores and to a process for the separation of non-sulfidic ores by flotation in which the alkyl sulfosuccinates used contain one or two identical or different, straight-chain and/or branched-chain, saturated or unsaturated alkyl radicals based on propoxylated or propoxylated and ethoxylated C8-C22 fatty alcohols.

IPC 1-7

B03D 1/00

IPC 8 full level

B03D 1/00 (2006.01); **B03D 1/012** (2006.01)

CPC (source: EP US)

B03D 1/0043 (2013.01 - EP); **B03D 1/012** (2013.01 - EP US); **B03D 2201/02** (2013.01 - EP US); **B03D 2201/04** (2013.01 - EP US); **B03D 2203/04** (2013.01 - EP US)

Citation (search report)

- [AD] US 4138350 A 19790206 - WANG SAMUEL S, et al
- [A] US 4039562 A 19770802 - BLOCH MICHAEL, et al
- [A] US 4309282 A 19820105 - SMITH JR EUGENE L, et al

Cited by

EP0544185A1; WO9311100A1

Designated contracting state (EPC)

AT DE ES FR GB SE

DOCDB simple family (publication)

EP 0270986 A2 19880615; EP 0270986 A3 19900425; EP 0270986 B1 19920401; AU 598885 B2 19900705; AU 8215387 A 19880609; BR 8706577 A 19880712; CN 1011295 B 19910123; CN 87107271 A 19880622; DE 3641870 A1 19880616; DE 3777971 D1 19920507; FI 84322 B 19910815; FI 84322 C 19911125; FI 875367 A0 19871207; FI 875367 A 19880609; PT 86303 A 19880101; PT 86303 B 19901107; TR 23672 A 19900506; US 4814070 A 19890321; ZA 879184 B 19880608

DOCDB simple family (application)

EP 87117785 A 19871202; AU 8215387 A 19871207; BR 8706577 A 19871207; CN 87107271 A 19871205; DE 3641870 A 19861208; DE 3777971 T 19871202; FI 875367 A 19871207; PT 8630387 A 19871204; TR 84187 A 19871208; US 12813587 A 19871203; ZA 879184 A 19871207