

Title (en)

Method for the selective flotation of phosphate ores.

Title (de)

Verfahren zur selektiven Flotation von Phosphormineralien.

Title (fr)

Procédé de flottation sélective de minéraux de phosphate.

Publication

EP 0378128 B1 19931110 (DE)

Application

EP 90100215 A 19900105

Priority

DE 3900827 A 19890113

Abstract (en)

[origin: CA2007637A1] HOE 89/F 006 of the disclosure Process for selective flotation of phosphorus minerals. A process for selective flotation of phosphate minerals, wherein a compound of the formula 1a or 1b (1a) or (1b) in which R1 is branched or unbranched C8-C24-alkenyl, R2 is branched or unbranched C1-C4-alkyl and M is hydrogen, ammonium, triethanolammonium, an alkali metal atom or an alkaline earth metal atom, is added as a collecting agent to the flotation suspension.

IPC 1-7

B03D 1/008; B03D 1/01

IPC 8 full level

B03D 1/008 (2006.01)

CPC (source: EP US)

B03D 1/008 (2013.01 - EP US); **B03D 1/01** (2013.01 - EP US); **B03D 2201/02** (2013.01 - EP US); **B03D 2201/04** (2013.01 - EP US);
B03D 2201/06 (2013.01 - EP US); **B03D 2203/06** (2013.01 - EP US); **Y10S 209/902** (2013.01 - EP US)

Cited by

DE4127151A1; CN105618272A

Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

EP 0378128 A2 19900718; EP 0378128 A3 19911009; EP 0378128 B1 19931110; BR 9000109 A 19901023; CA 2007637 A1 19900713;
DE 3900827 A1 19900719; FI 89877 B 19930831; FI 89877 C 19931210; FI 900149 A0 19900111; FI 900149 A 19900714;
RU 1795911 C 19930215; US 4968415 A 19901106; ZA 90229 B 19900926; ZW 490 A1 19900725

DOCDB simple family (application)

EP 90100215 A 19900105; BR 9000109 A 19900112; CA 2007637 A 19900112; DE 3900827 A 19890113; FI 900149 A 19900111;
SU 4742822 A 19900112; US 46283490 A 19900110; ZA 90229 A 19900112; ZW 490 A 19900112