

Title (en)

Flotation adjuvant and method for the flotation of non-sulphidic ores.

Title (de)

Flotationshilfsmittel und Verfahren zur Flotation nichtsulfidischer Minerale.

Title (fr)

Adjuvant de flottation et procédé pour la flottation de minerais non sulfurés.

Publication

EP 0108914 A2 19840523 (DE)

Application

EP 83109992 A 19831006

Priority

DE 3238060 A 19821014

Abstract (en)

[origin: US4457850A] Flotation aids and a process for the flotation of non-sulfidic minerals. The flotation aids have the formula <IMAGE> I wherein R represents an aliphatic, cyclic, or alicyclic C7-C23 radical, optionally substituted with one or more hydroxyl, sulfhydryl, carbonyl, ether, or thioether groups; X_n⁺ is hydrogen or a water-solubilizing, salt-forming cation; and n is the valence of X. The invention also relates to ore suspensions and mineral concentrates in association with the above flotation aids.

Abstract (de)

Acyllactate der Formel I, <IMAGE> in der R einen aliphatischen, cyclischen oder alicyclischen Rest mit 7 bis 23 Kohlenstoffatomen und X<+> ein Wasserstoffion oder ein wasserlöslich machendes, salzbildendes Kation bedeuten, werden als Sammler bei der Flotation nichtsulfidischer Minerale verwendet.

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Cited by

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