

Title (en)

Alkanolamine- fatty acid condensate conditioner for flotation of coal and a flotation process therefor.

Title (de)

Alkanolamin-Fettsäurekondensat-Konditionierer für die Flotation von Kohle und ein ihn verwendendes Flotationsverfahren.

Title (fr)

Condensé d'acide gras, d'alkanolamine comme conditionneur pour la flottation du charbon et un procédé de flottation utilisant ce condensé.

Publication

**EP 0016914 A1 19801015 (EN)**

Application

**EP 80100373 A 19800124**

Priority

US 694279 A 19790125

Abstract (en)

The froth flotation of coal in the presence of a condensate of an alkanolamine with at least about 0.8 equivalent of a fatty acid improves the separation of carbonaceous solids possessing relatively high heat value from ash and other inert mineral matter. Flotation in the presence of this condensate is particularly effective to enhance the recovery of oxidized bituminous coal.

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**B03D 1/02**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- DE 2853410 A1 19790705 - AMERICAN CYANAMID CO
- DE 2850988 A1 19790719 - NALCO CHEMICAL CO
- FR 2313126 A1 19761231 - BEROL KEMI AB [SE]

Cited by

US4523991A; US4504385A; US4826588A; AU610727B2; EP0310720A1; US4589980A; US8318423B2

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