

Title (en)

AMINE OXIDE PROMOTERS FOR FROTH FLOTATION OF MINERAL ORES.

Title (de)

AMIN-OXID-PROMOTOREN ZUR SCHAUMAUFBEREITUNG VON MINERALERZEN.

Title (fr)

ACTIVATEURS D'OXYDES D'AMINES POUR LA FLOTATION PAR ECUMAGE DE MINERAL.

Publication

EP 0034171 A4 19820108 (DE)

Application

EP 80901733 A 19810309

Priority

US 6663779 A 19790815

Abstract (en)

[origin: WO8100527A1] Froth flotation of sylvinitic and other ores in the presence of amine collector is improved by the addition of an amine oxide promoter represented by (FORMULA) where R<u1>u is a linear or branched, substituted or unsubstituted, saturated or unsaturated monovalent aliphatic, alicyclic, alicyclic-aliphatic, or aliphatic-aromatic group which may contain linkages of ether, amine, or sulfide, and R<u1>u has an effective chain length of about 6 to 22 atoms, and R<u2>u and R<u3>u each, independently, is a C<u1>u-C<u4>u alkyl or alkanol group, or R<u2>uR<u3>u is a heterocyclic residue.

IPC 1-7

B03D 1/02

IPC 8 full level

B03D 1/01 (2006.01); **B03D 1/012** (2006.01)

CPC (source: EP US)

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