

Title (en)
FLOTATION REAGENT FOR MINERALS CONTAINING SILICATE

Title (de)
FLOTATIONSREAGENZ FÜR SILIKATHALTIGE MINERALIEN

Title (fr)
RÉACTIF DE FLOTTATION POUR MINÉRAUX SILICATÉS

Publication
EP 2012929 A1 20090114 (DE)

Application
EP 07724263 A 20070416

Priority
• EP 2007003325 W 20070416
• DE 102006019561 A 20060427

Abstract (en)
[origin: DE102006019561A1] Use of an amine compound (I), as collectors in silicate flotations. Use of an amine compound of formula (R-N-[A-NH 2] 2) (I), as collectors in silicate flotations. R : 6-20C alkyl group or -alkenyl group, preferably 2-ethylhexane-, isononane-, isodecane-, decane, dodecane or isotridecane residue; and A : 2-4C alkylene group, preferably propylene group. An independent claim is included for a composition comprising 1-99 wt.% of a collector for the silicate flotation, which is an alkyletheramine, alkyletherdiamine, alkylamine or quaternary ammonium salt and 1-99 wt.% of (I).

IPC 8 full level
B03D 1/01 (2006.01)

CPC (source: EP US)
B03D 1/01 (2013.01 - EP US); **B03D 2201/02** (2013.01 - EP US); **B03D 2203/04** (2013.01 - EP US)

Citation (search report)
See references of WO 2007124853A1

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