

Title (en)
PROCESS FOR THE BENEFICIATION OF SULFIDE MINERALS

Title (de)
VERFAHREN ZUR AUFBEREITUNG VON SULFIDMINERALIEN

Title (fr)
PROCEDE D'ENRICHISSEMENT DE MINERAUX SULFURES

Publication
EP 1556170 B1 20070314 (EN)

Application
EP 03773171 A 20031001

Priority
• US 0331621 W 20031001
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Abstract (en)
[origin: WO2004035218A1] Froth flotation processes, useful for beneficiating base metal mineral values from metal sulfide ore, utilize a collector comprising an N-butoxycarbonyl-O-alkylthionocarbamate selected from the group consisting of N-butoxycarbonyl-O-methylthionocarbamate, N-butoxycarbonyl-O-ethylthionocarbamate, N-butoxycarbonyl-O-propylthionocarbamate, N-butoxycarbonyl-O-butylthionocarbamate, N-butoxycarbonyl-O-pentylthionocarbamate, and N-butoxycarbonyl-O-hexylthionocarbamate.

IPC 8 full level
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WO 2004035218 A1 20040429; AP 1920 A 20081115; AP 2005003271 A0 20050331; AR 041586 A1 20050518; AT E356670 T1 20070415; AU 2003279843 A1 20040504; AU 2003279843 B2 20080731; BR 0315150 A 20050816; BR 0315150 B1 20120207; CA 2501079 A1 20040429; CA 2501079 C 20110607; DE 60312541 D1 20070426; EP 1556170 A1 20050727; EP 1556170 B1 20070314; MX PA05003708 A 20050728; OA 12943 A 20061013; PE 20040429 A1 20040809; PL 202110 B1 20090630; PL 375072 A1 20051114; PT 1556170 E 20070531; RU 2005114538 A 20051027; RU 2318607 C2 20080310

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