

Title (en)

A METHOD FOR IMPROVING SELECTIVITY AND RECOVERY IN THE FLOTATION OF NICKEL SULPHIDE ORES THAT CONTAIN PYRRHOTITE BY EXPLOITING THE SYNERGY OF MULTIPLE DEPRESSANTS

Title (de)

VERFAHREN ZUR VERBESSERUNG DER SELEKTIVITÄT UND RÜCKGEWINNUNG BEI DER FLOTATION VON NICKELSULFIDERZEN MIT PYRRHOTIT UNTER AUSNUTZUNG DER SYNERGIE MEHRERER DRÜCKER

Title (fr)

PROCÉDÉ AMÉLIORANT LA SÉLECTIVITÉ ET LA RÉCUPÉRATION EN FLOTTATION DE MINÉRAIS DE SULFURE DE NICKEL CONTENANT DE LA PYRRHOTITE, PAR EXPLOITATION DE LA SYNERGIE DE MULTIPLES DÉPRIMANTS

Publication

**EP 2864052 A1 20150429 (EN)**

Application

**EP 13719704 A 20130412**

Priority

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- BR 2013000121 W 20130412

Abstract (en)

[origin: WO2013152412A1] A method of using the synergy of multiple depressants to improve the depression of iron sulphide without compromising the recovery of the valuable sulphide minerals in the flotation of non-ferrous metal sulphides, while reducing or eliminating the use of environmentally problematic chemicals such as polyamines. The method has significant economic and environmental benefits. The multiple depressants comprise at least one organic polymer, at least one sulphur-containing compound and/or at least one nitrogen-containing organic compound.

IPC 8 full level

**B03D 1/01** (2006.01); **B03D 1/016** (2006.01); **B03D 1/018** (2006.01)

CPC (source: EP RU)

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Citation (search report)

See references of WO 2013152412A1

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