

Title (en)  
METHOD OF DEPRESSING NON-SULFIDE SILICATE GANGUE MINERALS

Title (de)  
VERFAHREN ZUM DRÜCKEN NICHTSULFIDISCHER SILIKATISCHER GANGARTEN

Title (fr)  
METHODE DE DEPRESSION DE GANGUES POUR SEPARER DES SILICATES NON SULFURES

Publication  
**EP 0830208 B1 20000726 (EN)**

Application  
**EP 96915589 A 19960507**

Priority  

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- US 47480595 A 19950607
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Abstract (en)  
[origin: WO9640438A1] A method for the depression of non-sulfide, silicate gangue minerals is provided wherein the depressant is either (1) a polymeric material comprising recurring units of the formula:  $[-X-]_x [-Y-]_y [-Z-]_z$  wherein X is the polymerization residue of an acrylamide or mixture of acrylamides, Y is an hydroxy group containing polymer unit, Z is an anionic group containing polymer unit, x represents a residual mole fraction of at least about 35 %, y represents a residual mole fraction of from about 1 to 50 % and z represents a residual mole fraction of from about 0 to about 50 %, or (2) a mixture of said polymer and a polysaccharide.

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- US 4902764 A 19900220 - ROTHENBERG ALAN S [US], et al
- US 4220525 A 19800902 - PETROVICH VOJISLAV [US]

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**WO 9640438 A1 19961219**; AT E194929 T1 20000815; AU 5733196 A 19961230; AU 701180 B2 19990121; BG 102109 A 19980630; BG 62123 B1 19990331; BR 9608582 A 19981229; CA 2222996 A1 19961219; CA 2222996 C 20080429; CN 1096299 C 20021218; CN 1186456 A 19980701; DE 69609507 D1 20000831; DE 69609507 T2 20010111; DK 0830208 T3 20001120; EP 0830208 A1 19980325; EP 0830208 B1 20000726; ES 2150672 T3 20001201; OA 10548 A 20020530; PL 180674 B1 20010330; PL 323856 A1 19980427; PT 830208 E 20001229; RU 2139147 C1 19991010

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