

Title (en)

PROCESS TO TREAT SILICEOUS NON-SULFIDIC ORES AND COLLECTOR COMPOSITION THEREFOR

Title (de)

VERFAHREN ZUR BEHANDLUNG VON KIESELIGEN NICHTSCHWEFELIGEN ERZEN UND SAMMELZUSAMMENSETZUNG DAFÜR

Title (fr)

PROCÉDÉ DE TRAITEMENT DE MINÉRAIS SILICEUX NON SULFURÉS ET COMPOSITION DE COLLECTEUR ASSOCIÉE

Publication

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Application

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Abstract (en)

[origin: WO2019007714A1] The present invention relates to a process to treat siliceous non-sulfidic ores with a collector composition that comprises a phosphate compound of the formula (I) wherein R is linear or branched, saturated or unsaturated hydrocarbon group containing 1 to 24 carbon atoms that, A is an alkylene oxide unit; Y is H, Na, K or an ammonium or alkylated ammonium, n is 1 - 3, p is 0 - 25, X is chosen from the same groups as R-Ap- or Y, to a collector composition containing the phosphate compound of the formula I as a primary collector in combination with a secondary collector and to a pulp composition containing the phosphate compound of the formula (I).

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