

Title (en)

FLOTATION PROCESS FOR OBTAINING MINERALS FROM NON-SULPHIDIC ORES.

Title (de)

VERFAHREN ZUR GEWINNUNG VON MINERALIEN AUS NICHTSULFIDISCHEN ERZEN DURCH FLOTATION.

Title (fr)

PROCEDE D'OBTENTION DE MINERAUX A PARTIR DE MINERAIS NON SULFURES PAR FLOTTATION.

Publication

**EP 0585277 B1 19950712 (DE)**

Application

**EP 92909762 A 19920520**

Priority

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- EP 9201120 W 19920520

Abstract (en)

[origin: WO9221443A1] Minerals can be obtained from non-sulphidic ores by flotation if detergent mixtures are used as the collector and contain (a) salts of sulphonation products of unsaturated fatty acids of the formula (I): R?1CO-OH, in which R?1CO is a straight-chain or branched-chain aliphatic acyl group with 12 to 24 carbon atoms and 1 to 5 double bonds; and (b) salts of sulphonation products of unsaturated fatty acid glycerine esters of the formula (II), in which R?2CO is a straight-chain or branched-chain aliphatic acyl group with 12 to 24 carbon atoms and 1 to 5 double bonds and R?3CO and R?4CO, independently of each other, are a straight-chain or branched-chain aliphatic acyl group with 6 to 24 carbon atoms and 0 or 1 to 5 double bonds; plus, optionally, other anionic and/or non-ionic surface-active agents.

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**B03D 1/012**; **B03D 1/004**

IPC 8 full level

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CPC (source: EP US)

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