

Title (en)

METHOD AND DEVICE FOR EXTRACTING GOLD AND/OR SILVER AND/OR AT LEAST ONE PLATINUM METAL

Title (de)

VERFAHREN UND VORRICHTUNG ZUR GEWINNUNG VON GOLD UND/ODER SILBER UND/ODER MINDESTENS EINEM PLATINMETALL

Title (fr)

PROCÉDÉ ET DISPOSITIF D'EXTRACTION D'OR ET/OU D'ARGENT ET/OU D'AU MOINS UN MÉTAL DU PLATINE

Publication

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Application

EP 21754728 A 20210721

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Abstract (en)

[origin: WO2022028900A1] The invention relates to a method for extracting gold and/or silver and/or at least one platinum metal from at least one starting material. The starting material is treated in a solution which contains at least one nitrile using at least one oxidizing agent. An introduction (51) of the oxidizing agent into the solution is controlled or regulated on the basis of at least one concentration (cAu(t), cAu(t-1), cAu(t-2)) of a metal to be extracted or the complex thereof and/or on the basis of at least one concentration of cyanide ions and/or on the basis of at least one concentration of ammonia and ammonium ions in the solution. A device for extracting gold and/or silver and/or at least one platinum metal from the at least one starting material has a container which is designed to receive the starting material and a solution, multiple inlets and at least one UV/Vis spectrometer.

IPC 8 full level

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