

Title (en)

HYDROMETALLURGICAL ZINC RECOVERY PROCESS AND APPARATUS

Title (de)

HYDROMETALLURGISCHES VERFAHREN UND ANLAGE ZUR WIEDERGEWINNUNG VON ZINK

Title (fr)

PROCEDE ET DISPOSITIF DE RECUPERATION HYDROMETALLURGIQUE DU ZINC

Publication

EP 0946765 A1 19991006 (EN)

Application

EP 97933768 A 19970725

Priority

- GB 9702023 W 19970725
- GB 9615946 A 19960730

Abstract (en)

[origin: WO9804752A1] There is provided a process for recovering a desired product from a residue and apparatus therefor. The process includes the step of recirculating either a residue formed in one stage of the process to an earlier stage of the process or the solid-waste residue to a later stage of the process. The invention uses these residues as a reagent in the step to which the residue is recirculated and thus reduces the amount of reagents which have to be added to the overall process thus reducing the cost of running the process. The earlier stage of the process is prior to a treatment step where acid is added to lower the pH of the waste being treated. The recirculation of the residue has the advantage for example of reducing the amount of acid required.

IPC 1-7

C22B 3/00; **C22B 7/02**; **C22B 7/04**; **C22B 19/28**; **C22B 19/30**; **C22B 3/02**; **C22B 3/06**; **C22B 3/44**; **C22B 11/00**

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CPC (source: EP)

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