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Raman et al.

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(54) **SYSTEM AND METHOD FOR PARALLEL SOLUTION EXTRACTION OF ONE OR MORE METAL VALUES FROM METAL-BEARING MATERIALS**

(58) **Field of Classification Search**
CPC Y02P 10/236; Y02P 10/212; C22B 3/0005; C22B 60/026; C22B 3/02; C25B 9/00; C25C 1/12

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Related U.S. Application Data

(60) Continuation of application No. 13/837,158, filed on Mar. 15, 2013, now Pat. No. 9,447,483, which is a (Continued)

(51) **Int. Cl.**
C22B 19/00 (2006.01)
C22B 3/02 (2006.01)
(Continued)

(57) **ABSTRACT**

The present disclosure relates to a process and system for recovery of one or more metal values using solution extraction techniques and to a system for metal value recovery. In an exemplary embodiment, the solution extraction system comprises a first solution extraction circuit and a second solution extraction circuit. A first metal-bearing solution is provided to the first and second circuit, and a second metal-bearing solution is provided to the first circuit. The first circuit produces a first rich electrolyte solution, which can be forwarded to primary metal value recovery, and a low-grade raffinate, which is forwarded to secondary metal value recovery. The second circuit produces a second rich electrolyte solution, which is also forwarded to primary

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(52) **U.S. Cl.**
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