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Castillo Castillo et al.

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(54) **PRE-TREATMENT FOR CONVENTIONAL CYANIDATION FOR SILVER RECOVERING FROM MANGANESE-ARGENTIFEROUS ORES CONTAINING OCCLUDED SILVER**

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CPC ***C22B 11/04*** (2013.01); ***C22B 11/08*** (2013.01); ***C22B 47/00*** (2013.01)

(58) **Field of Classification Search**
None
See application file for complete search history.

(56) **References Cited**

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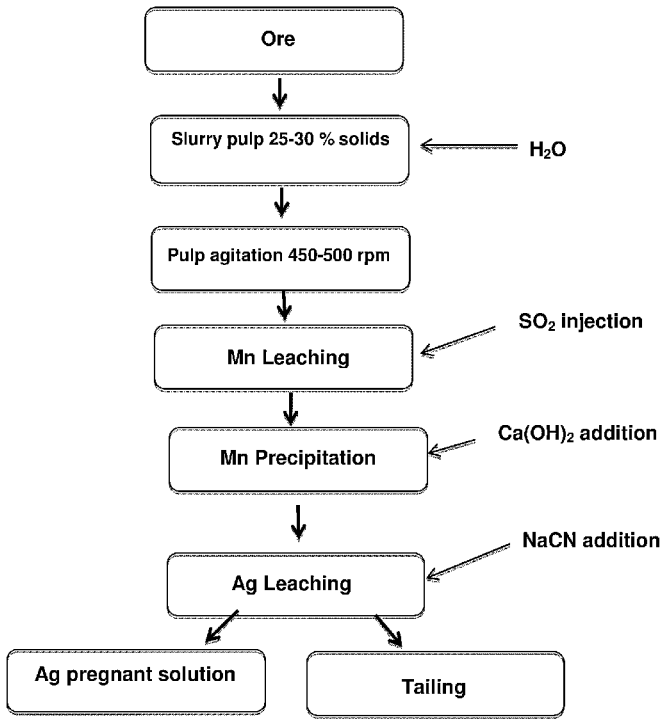
(57) **ABSTRACT**

The present invention discloses a treatment for recovering silver from ores containing occluded silver, predominantly pyrolusite, which includes a pre-treatment of the manganese-argentiferous ore with sulfur dioxide produced by roasting elemental sulfur, generating manganese sulphate, and pregnant solution with more than 90% silver recovery.

2 Claims, 4 Drawing Sheets