



US006676909B2

(12) **United States Patent**
Marsden et al.

(10) **Patent No.:** **US 6,676,909 B2**
(45) **Date of Patent:** **Jan. 13, 2004**

(54) **METHOD FOR RECOVERY OF METALS FROM METAL-CONTAINING MATERIALS USING MEDIUM TEMPERATURE PRESSURE LEACHING**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 177 days.

(21) Appl. No.: **09/915,105**

(22) Filed: **Jul. 25, 2001**

(65) **Prior Publication Data**

US 2002/0044899 A1 Apr. 18, 2002

Related U.S. Application Data

(60) Provisional application No. 60/220,673, filed on Jul. 25, 2000.

(51) **Int. Cl.**⁷ **C22B 15/00**

(52) **U.S. Cl.** **423/28**

(58) **Field of Search** 423/28; 241/23

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(57) **ABSTRACT**

The present invention relates generally to a process for recovering copper and other metal values from metal-containing materials using controlled, super-fine grinding and medium temperature pressure leaching. Processes embodying aspects of the present invention may be beneficial for recovering a variety of metals such as copper, gold, silver, nickel, cobalt, molybdenum, rhenium, zinc, uranium, and platinum group metals, from metal-bearing materials, and find particular utility in connection with the extraction of copper from copper sulfide ores and concentrates.

9 Claims, 2 Drawing Sheets