

Title (en)

Process for treating ore having recoverable metal values including arsenic containing components

Title (de)

Verfahren zur Behandlung von Erz mit rückgewinnbaren Metallwertstoffen einschliesslich arsenhaltiger Komponenten

Title (fr)

Procédé pour le traitement d'un minerai ayant des métaux recouvrables comprenant des composants contenant de l'arsenic

Publication

EP 0508542 B1 19980624 (EN)

Application

EP 92200989 A 19920407

Priority

- DE 4122894 A 19910711
- DE 4122895 A 19910711
- US 68464991 A 19910412

Abstract (en)

[origin: EP0508542A2] Roasting of ores with metal values such as precious metal ores for recovery of metal values with conversion of arsenic to an insoluble form in-situ in presence of an additive such as iron and in presence of oxygen injected initially or supplementally in a roaster such as in a circulating fluid bed roaster; volatilized arsenic in roasting of ores may also be converted to an insoluble form in gas phase in a two stage roaster process after removal of solids from a gas phase and contact with an additive at high oxygen concentration in a second stage roaster. <IMAGE>

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C22B 1/02

IPC 8 full level

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CPC (source: EP)

C22B 1/02 (2013.01); **C22B 1/10** (2013.01)

Cited by

CN115245945A; EA037686B1; CN115557533A; CN108884514A; CN110438334A; US6248301B1; CN114015866A; CN1047801C; DE4329417C1; EP0641864A1; CN105264098A; RU2677904C2; CN113755693A; EP0622467A1; US5425799A; RU2485189C1; EP3486337A4; US9441284B2; US11401578B2; US9920395B2; WO2017129341A1; WO9721842A1; WO2017162857A1; WO2016048750A1; WO2018091361A1; WO2014170676A1; WO0166811A1

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EP 0508542 A2 19921014; EP 0508542 A3 19931020; EP 0508542 B1 19980624; AU 1482492 A 19921015; AU 656952 B2 19950223; BR 9201355 A 19921201; CA 2065837 A1 19921013; CA 2065837 C 20050607; DE 69225993 D1 19980730; DE 69225993 T2 19981210; ES 2117028 T3 19980801; MY 110328 A 19980430; RU 2079562 C1 19970520

DOCDB simple family (application)

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