

Title (en)

Method for separating crusts and substrates.

Title (de)

Verfahren zum Abtrennen von Krusten von Substraten.

Title (fr)

Procédé pour séparer des incrustations de leurs substrats.

Publication

**EP 0296585 A2 19881228 (EN)**

Application

**EP 88110019 A 19880623**

Priority

JP 15543087 A 19870624

Abstract (en)

A method for separating crusts and substrates comprises the steps of: classifying mixed ores composed of crusts and substrates, as a first classification step, by at least one first classifier (1), into plurality of groups of classified ores; crushing each of the groups of the classified ores into plurality of groups of crushed ores by crushers (2a,2b,2c) equipped with heaters, each, while the classified ores are kept heated; and classifying each of the groups of the crushed ores as a second classification step, by at least one second classifier (3a,3b,3c), thereby to separate the crusts and the substrates. The heating of the classified ores can be separately carried out by an independent heating apparatus before the crushing of the classified ores. The temperature of the heating is at 500 to 1,300 DEG C. 800 to 1,000 DEG C is more preferable.

IPC 1-7

**B03B 1/02; B07B 9/00**

IPC 8 full level

**B07B 1/00** (2006.01); **B02C 19/18** (2006.01); **B03B 1/02** (2006.01); **B07B 9/00** (2006.01); **C22B 1/00** (2006.01)

CPC (source: EP)

**B03B 1/02** (2013.01); **B07B 9/00** (2013.01); **C22B 1/00** (2013.01)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0296585 A2 19881228; EP 0296585 A3 19900411; JP S644266 A 19890109**

DOCDB simple family (application)

**EP 88110019 A 19880623; JP 15543087 A 19870624**