

Title (en)

Cascade flotation process and apparatus for carrying out the process.

Title (de)

Kaskaden-Flotationsverfahren und Vorrichtung zur Durchführung des Verfahrens.

Title (fr)

Procédé de flottation en cascade et dispositif pour la mise en oeuvre du procédé.

Publication

**EP 0098902 A2 19840125 (EN)**

Application

**EP 82303547 A 19820706**

Priority

EP 82303547 A 19820706

Abstract (en)

Minerals and metals are separated from a crushed ore mixture of crushed ore, aqueous solution, and flotation agent by allowing the mixture to fall freely from one or more outlets (11) into a container (1), so entrapping air during the free fall and encouraging the development of a large quantity of froth. Air entrainment is enhanced by passing the mixture to the outlets (11) via a header (9) in which air is drawn in through an air inlet pipe (39).

IPC 1-7

**B03D 1/14**

IPC 8 full level

**B03D 1/14** (2006.01)

CPC (source: EP)

**B03D 1/028** (2013.01); **B03D 1/1412** (2013.01); **B03D 1/1456** (2013.01); **B03D 1/1493** (2013.01); **B03D 1/247** (2013.01)

Cited by

CN109382215A

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0098902 A2 19840125; EP 0098902 A3 19841205**

DOCDB simple family (application)

**EP 82303547 A 19820706**