

Title (en)  
Device for separating minerals

Title (de)  
Vorrichtung zur Trennung von Mineralien

Title (fr)  
Appareil artisanal pour la séparation de minerais

Publication  
**EP 1582261 A1 20051005 (FR)**

Application  
**EP 04008046 A 20040402**

Priority  
EP 04008046 A 20040402

Abstract (en)  
The apparatus has a box (1) divided into upper and lower compartments (3, 4) by a grid. The upper compartment includes a siphon (10) that comprises of a vertical partition and an opening (12) which traverses the wall of the box. An overflow (6) evacuates a light fraction of pulp from the upper compartment. The opening extends from an enclosure (20) whose upper end is situated at a level higher than the overflow.

Abstract (fr)  
Appareil artisanal pour la concentration gravimétrique de minerais appelé jig ou bac à piston, travaillant sur leur principe connu et selon leur conception générale connue mais qui présente l'originalité d'une évacuation continue et réglable de la fraction dense et grenue dans des compartiments fermés qui sont dans ce cas les pieds de l'appareil artisanal. <IMAGE>

IPC 1-7  
**B03B 5/16**; **B03B 11/00**

IPC 8 full level  
**B03B 5/16** (2006.01); **B03B 11/00** (2006.01)

CPC (source: EP US)  
**B03B 5/16** (2013.01 - EP US); **B03B 11/00** (2013.01 - EP US)

Citation (search report)  
• [A] FR 2469957 A1 19810529 - RECH GEOLOG MINIERE [FR]  
• [A] GB 785451 A 19571030 - WESTFALIA DINNENDAHL GROEPPPEL  
• [A] GB 801287 A 19580910 - ONG LEE TEIK  
• [A] DE 1271051 B 19680627 - RECH S GEOL ET MINIERES BUREAU

Cited by  
CN112295723A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1582261 A1 20051005**; US 2008190823 A1 20080814; WO 2005094999 A1 20051013; ZA 200608143 B 20070627

DOCDB simple family (application)  
**EP 04008046 A 20040402**; BE 2005000046 W 20050404; US 54752306 A 20061002; ZA 200608143 A 20060929