

Title (en)
MEASURING FROTH STABILITY

Title (de)
MESSEN VON SCHAUMSTABILITÄT

Title (fr)
MESURE DE STABILITE DE MOUSSE

Publication
EP 1613434 B1 20110518 (EN)

Application
EP 04719877 A 20040312

Priority
• AU 2004000311 W 20040312
• AU 2003901142 A 20030313

Abstract (en)
[origin: WO2004080600A1] A method of measuring froth stability (as described herein) of a froth in a cell of a flotation circuit for a slurry of a mined mineral containing valuable material and gangue materials is disclosed. The method includes a step of measuring one or more than one froth stability parameter using a measurement column arranged to extend downwardly through the froth in the cell to a location below an interface between the froth and the slurry in the cell. A method of controlling the operation of a flotation cell that is based on the froth stability measurement method is also disclosed.

IPC 8 full level
B03D 1/02 (2006.01); **B03D 1/04** (2006.01); **B03D 1/06** (2006.01); **B03D 1/14** (2006.01); **G01N 33/24** (2006.01); **G01N 13/02** (2006.01)

CPC (source: EP)
B03D 1/02 (2013.01); **B03D 1/028** (2013.01); **B03D 1/04** (2013.01); **B03D 1/06** (2013.01); **B03D 1/14** (2013.01)

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)
WO 2004080600 A1 20040923; AT E509704 T1 20110615; AU 2003901142 A0 20030327; AU 2004218778 A1 20040923;
AU 2010212522 A1 20100916; AU 2010212522 B2 20131024; DK 1613434 T3 20110905; EP 1613434 A1 20060111; EP 1613434 A4 20070704;
EP 1613434 B1 20110518; ES 2371311 T3 20111229; PL 1613434 T3 20120229; ZA 200507463 B 20061227

DOCDB simple family (application)
AU 2004000311 W 20040312; AT 04719877 T 20040312; AU 2003901142 A 20030313; AU 2004218778 A 20040312;
AU 2010212522 A 20100824; DK 04719877 T 20040312; EP 04719877 A 20040312; ES 04719877 T 20040312; PL 04719877 T 20040312;
ZA 200507463 A 20050928