

Title (en)

METHOD FOR THE WET PROCESSING OF MATERIALS, IN PARTICULAR ORES OR SIMILAR MATERIALS BY MEANS OF A CLOSED CIRCUIT GRINDING PROCESS

Title (de)

VERFAHREN ZUR NASSAUFBEREITUNG VON MATERIALIEN, INSBESONDERE ERZEN ODER DERGLEICHEN STOFFEN MITTELS KREISLAUFMAHLPROZESS

Title (fr)

PROCÉDÉ DE PRÉPARATION PAR VOIE HUMIDE DE MATÉRIAUX, EN PARTICULIER DE MINÉRAIS OU MATIÈRES SIMILAIRES, AU MOYEN D'UN PROCESSUS DE BROYAGE EN CIRCUIT

Publication

EP 2440332 A1 20120418 (DE)

Application

EP 11726136 A 20110615

Priority

- EP 2011059883 W 20110615
- DE 102010033628 A 20100806
- DE 102010025912 A 20100702

Abstract (en)

[origin: WO2012000785A1] The invention relates to a method for the wet processing of materials, such as ores or similar materials, by means of a closed circuit grinding process in a container mill and the classification of the grinding stock heavy medium by at least one hydrocyclone that discharges into the feeding section of the mill. According to the invention, coarse grinding stock present at the underflow of the hydrocyclone reaches a screening device after the first cyclone classification in order to carry out a second classification, wherein fine grinding stock that has been filtered out is separated and only the remaining coarse grinding stock is added to the mill circuit, and said mill circuit is thereby relieved.

IPC 8 full level

B02C 17/18 (2006.01)

CPC (source: EP)

B02C 17/1845 (2013.01); **B02C 17/185** (2013.01)

Citation (search report)

See references of WO 2012000785A1

Cited by

CN106311453A; CN111495517A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102010033628 A1 20120105; EP 2440332 A1 20120418; EP 2440332 B1 20121128; WO 2012000785 A1 20120105

DOCDB simple family (application)

DE 102010033628 A 20100806; EP 11726136 A 20110615; EP 2011059883 W 20110615