

Title (en)

Process for grinding and compacting any kind of ore and apparatus for carrying out this process.

Title (de)

Verfahren zur Zerkleinerung und Verdichtung irgendeines Mineralgutes und Vorrichtung zur Durchführung dieses Verfahrens.

Title (fr)

Procédé de broyage et compactage d'une matière minérale quelconque et installation pour la mise en oeuvre de ce procédé.

Publication

EP 0352192 B1 19940105 (FR)

Application

EP 89402066 A 19890720

Priority

FR 8809975 A 19880722

Abstract (en)

[origin: US4976469A] A system comprising a roll press for crushing and partially agglomerating a mineral material, a conveyor means arranged downstream of this press and associated with a distributor device and allowing to recycle one portion of the crushed and partially agglomerated material to the inlet of the press whereas the other portion of the material issuing from this distributor device feeds a second distributor device one outlet of which communicates with the conveyor means to thereby control the amount and density of the crushed and partially agglomerated material recycled to the feed of the press.

IPC 1-7

B02C 21/00; **B02C 23/12**; **B02C 23/14**

IPC 8 full level

B02C 23/00 (2006.01); **B02C 21/00** (2006.01); **B02C 23/08** (2006.01); **B02C 23/12** (2006.01); **B02C 23/14** (2006.01); **B30B 3/04** (2006.01); **C04B 7/52** (2006.01)

CPC (source: EP US)

B02C 21/005 (2013.01 - EP US); **B02C 23/12** (2013.01 - EP US); **B02C 23/14** (2013.01 - EP US)

Citation (examination)

EP 0238432 A2 19870923 - REXNORD INC [US]

Cited by

US6019299A; EP0476209A1; DE102006017510A1; CN107597390A; DE4005323A1; US6193176B1; CN102008989A; DE10147591A1; DE10147591B4; US5221051A; EP0513770A3; WO2021008003A1

Designated contracting state (EPC)

AT BE CH DE ES GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0352192 A1 19900124; **EP 0352192 B1 19940105**; AT E99563 T1 19940115; CA 1316515 C 19930420; DE 68912012 D1 19940217; DE 68912012 T2 19940519; ES 2049835 T3 19940501; FR 2634402 A1 19900126; FR 2634402 B1 19920403; JP 2665381 B2 19971022; JP H0372963 A 19910328; US 4976469 A 19901211

DOCDB simple family (application)

EP 89402066 A 19890720; AT 89402066 T 19890720; CA 606209 A 19890720; DE 68912012 T 19890720; ES 89402066 T 19890720; FR 8809975 A 19880722; JP 18868889 A 19890720; US 38220989 A 19890720