

Title (en)

METHOD OF AND APPARATUS FOR SORTING MINERAL

Title (de)

VERFAHREN UND VORRICHTUNG ZUM SORTIEREN VON MINERALIEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE TRIAGE DE MINÉRAUX

Publication

EP 2156902 A1 20100224 (EN)

Application

EP 07737031 A 20070406

Priority

JP 2007000374 W 20070406

Abstract (en)

To smoothly sort crushed minerals into those of various sizes by compact means. An air blow means such as a blow fan (3) for separating introduced minerals (12) by air force; and a sorting screen (11) which receives the fallen minerals, sorts the minerals (12) of a predetermined size or larger, and allows the minerals (12) of a predetermined size or smaller to pass therethrough are installed. The minerals (12) are blown off by the air blow means so that the positions where the minerals fall down can be changed according to their sizes, whereby the minerals can smoothly pass through the sorting screen (11) and the sorting means can be made compact.

IPC 8 full level

B07B 4/02 (2006.01); **B07B 1/46** (2006.01); **B07B 7/06** (2006.01)

CPC (source: EP)

B07B 1/46 (2013.01); **B07B 4/02** (2013.01); **B07B 7/06** (2013.01); **B07B 2201/04** (2013.01)

Citation (third parties)

Third party :

- JP 2003010725 A 20030114 - KOTOBUKI GIKEN KOGYO KK
- US 4319990 A 19820316 - MUELLER ROMAN
- RU 2211146 C2 20030827 - OOO NAUC, et al

Cited by

CN107309035A; CN104016150A

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 2156902 A1 20100224; **EP 2156902 A4 20101103**; AU 2007351238 A1 20081023; AU 2007351238 B2 20120119; CN 101657268 A 20100224; CN 101657268 B 20130605; JP 4852145 B2 20120111; JP WO2008126154 A1 20100715; WO 2008126154 A1 20081023

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