

Title (en)

MEDIUM-AGITATING POWDER PROCESSING DEVICE

Title (de)

MEDIENSCHÜTTELVORRICHTUNG ZUR VERARBEITUNG VON PULVER

Title (fr)

DISPOSITIF DE TRAITEMENT DE POUDRE AVEC BRASSAGE DU MILIEU

Publication

**EP 2351616 A4 20130306 (DE)**

Application

**EP 09809693 A 20090630**

Priority

- JP 2009061930 W 20090630
- JP 2008215717 A 20080825

Abstract (en)

[origin: JP2010046646A] <P>PROBLEM TO BE SOLVED: To provide a medium agitation type powder processor which can improve powder processing efficiency. <P>SOLUTION: The medium agitation type powder processor 1 includes an agitation member 5 formed in one or more stages projecting radially outward from an agitating shaft 4 and installed rotatably around a vertical shaft, and processes a raw material to be processed by agitating it together with a medium 6 in a container 2 by the agitation member 5. Then inner wall of the container 2 has an inclined plane 21 where the upper portion is closer to the center than the lower portion, and the inclined plane 21 is formed upward from a height position of the highest stage of the agitation member 5 or a position below the height position. <P>COPYRIGHT: (C)2010,JPO&INPIT

IPC 8 full level

**B02C 17/16** (2006.01); **B02C 17/18** (2006.01)

CPC (source: EP KR)

**B02C 13/12** (2013.01 - KR); **B02C 13/18** (2013.01 - KR); **B02C 13/28** (2013.01 - KR); **B02C 17/16** (2013.01 - EP KR); **B02C 17/161** (2013.01 - EP); **B02C 17/186** (2013.01 - EP); **B02C 17/24** (2013.01 - KR)

Citation (search report)

- [Y] DE 1188913 B 19650311 - DRAISWERKE GMBH
- [YD] JP 2005270780 A 20051006 - MITSUI MINING CO LTD
- [XD] JP 2003265975 A 20030924 - MITSUI MINING CO LTD
- See references of WO 2010024038A1

Cited by

DE202017003318U1; WO2013167851A1

Designated contracting state (EPC)

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**EP 2351616 A1 20110803**; **EP 2351616 A4 20130306**; CN 102131586 A 20110720; JP 2010046646 A 20100304; JP 5451006 B2 20140326; KR 101431045 B1 20140821; KR 20110065460 A 20110615; KR 20130111643 A 20131010; WO 2010024038 A1 20100304

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