

Title (en)
METHOD FOR OPERATING PULVERIZING SYSTEM, AND METHOD FOR MANUFACTURING POWDER

Title (de)
VERFAHREN UND VORRICHTUNG ZUM BETRIEB EINES PULVERISIERUNGSSYSTEMS UND VERFAHREN ZUR PULVERHERSTELLUNG

Title (fr)
PROCÉDÉ DE FONCTIONNEMENT DE SYSTÈME DE PULVÉRISATION, ET PROCÉDÉ DE FABRICATION DE POUDRE

Publication
EP 3995216 A4 20240327 (EN)

Application
EP 20837697 A 20200701

Priority

- JP 2019125831 A 20190705
- JP 2020025852 W 20200701

Abstract (en)
[origin: EP3995216A1] A method of operating a crushing system including a vertical crusher that crushes crush raw meal, a crushed material circulating passage through which crushed material moves from a discharge port of the crusher to a supply port of the crusher, a classifier that is disposed at the crushed material circulating passage and classifies the crushed material into refined powder as a product and coarse powder to be returned to the crusher, a collector that recovers the refined powder, an extraction passage connected to an upper portion of the crusher, an extraction fan that extracts a gas from the crusher to the extraction passage at a set extraction flow rate, and a dust collector that separates fine powder from the gas extracted from the crusher and supplies the fine powder to the crushed material circulating passage includes: acquiring a correlation between an extraction flow rate of the gas extracted from the crusher and fineness of the refined powder to be recovered; based on the correlation, estimating an extraction flow rate at which desired fineness is obtained; and setting the extraction flow rate as the set extraction flow rate.

IPC 8 full level
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CPC (source: CN EP)
B02C 15/04 (2013.01 - CN EP); **B02C 23/12** (2013.01 - CN EP); **B02C 23/22** (2013.01 - CN); **B02C 23/34** (2013.01 - CN EP); **B02C 25/00** (2013.01 - EP); **B02C 2015/002** (2013.01 - CN EP)

Citation (search report)

- [YA] JP 2018202347 A 20181227 - KAWASAKI HEAVY IND LTD
- [A] JP 2019076874 A 20190523 - HOSOKAWA MICRON KK
- [A] JP H07136534 A 19950530 - KAWASAKI HEAVY IND LTD
- [A] JP H10230119 A 19980902 - ABB KK
- [YA] JP H09111691 A 19970428 - JUJO PAPER CO LTD
- See also references of WO 2021006154A1

Designated contracting state (EPC)
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