Title (en)

METHOD FOR ROUGH CLASSIFICATION OF THE PARTICLE SIZE DISTRIBUTION OF A BULK MATERIAL

Title (de)

VERFAHREN ZUR GROBKLASSIFIZIERUNG DER PARTIKELGRÖßENVERTEILUNG EINES SCHÜTTGUTS

Title (fr)

PROCÉDÉ DE CLASSIFICATION APPROXIMATIVE DE LA RÉPARTITION DE TAILLES DE PARTICULES D'UN PRODUIT EN VRAC

Publication

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Application

EP 20712249 A 20200311

Priority

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Abstract (en)

[origin: WO2020193137A1] The invention relates to a method for the rough classification of the particle size distribution of a bulk material, wherein the method comprises the following steps: a) capturing an image of the surface of a bulk material by means of a first camera (40) in a first position; b) evaluating the captured image in order to establish particle sizes of the bulk material on the surface of the bulk material, wherein the evaluation comprises the following steps: c) searching for continuous surfaces in the image; d) determining a diameter for each identified surface; e) determining the average value and the distribution of the diameter; and f) determining a classifier by multiplying the average value with the distribution.

IPC 8 full level

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