

Title (en)

METHOD AND DEVICE FOR THE INVESTIGATION OF THE HUMIDITY-RELATED BEHAVIOUR OF POWDERS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR UNTERSUCHUNG DER HYGROSKOPISCHEN PULVEREIGENSCHAFTEN

Title (fr)

PROCEDE ET DISPOSITIF POUR L'ANALYSE DES CARACTERISTIQUES HYGROSCOPIQUES INHERENTES AUX POUDRES

Publication

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Application

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Abstract (en)

[origin: WO9627125A1] The invention relates to a method for studying hygroscopic behaviour of a material wherein a sample of the material to be studied is weighed in the beginning of the test with a balance connected to a programmed processor; the sample is exposed to an atmosphere with known relative humidity; the sample is weighed in the atmosphere at several successive points of time and the weighing results introduced into the processor, and the successive weighings are continued for a desired time. It is characteristic that in the beginning of the test several samples N1, N2, N3, ... are weighed, the samples are simultaneously exposed to the atmosphere with the known relative humidity, the separate samples are repeatedly weighed in the atmosphere and the weight readings of each sample and the point of time of weighing of the sample in question are recorded with the processor.

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