

Title (en)

AUTOMATIC ANALYSIS OF FINE-PARTICLE SOLIDS

Title (de)

AUTOMATISCHE ANALYSE VON FEINTEILIGEN FESTSTOFFEN

Title (fr)

ANALYSE AUTOMATIQUE DE FINES PARTICULES DE MATIÈRE SOLIDE

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Application

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Abstract (en)

[origin: WO2010130703A2] The present invention relates to a solids metering device for fine-particle solids, comprising withdrawal means for withdrawing a sample from a sample container, and metering means for introducing a predetermined amount of a fine-particle solid into a test vessel, wherein a metering accuracy of at least 0.1 g is achieved by the solids metering device and the characteristics of the metered amount substantially correspond to those of the sample in the sample vessel. In addition, the invention relates to an analysis machine for determining properties of fine-particle solids, comprising a depot for sample vessels and test vessels, analysis devices for analyzing samples, manipulators for moving and positioning sample vessels, solids metering devices and metering devices for fluids. Further, the invention relates to a method for the automatic analysis of fine-particle solids.

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