

Title (en)

Method and device for grain size analysis in the fine and very fine ranges

Title (de)

Verfahren und Vorrichtung zur Korngrößenanalyse im Fein- und Feinstkornbereich

Title (fr)

Procédé et dispositif pour l'analyse granulométrique dans les domaines fins et très fins

Publication

EP 0654308 B1 19970924 (DE)

Application

EP 94113026 A 19940820

Priority

DE 4339834 A 19931123

Abstract (en)

[origin: EP0654308A1] In order to provide a method for grain-size analysis in the fine and very fine range by means of a gas-jet screen, the screening material being delivered onto the screen fabric, a gas jet being blown through the screen fabric and the screening material by means of a slit nozzle (2) rotating underneath the screen fabric, fine fractions being entrained by the gas stream and being transported by the latter in the opposite direction through the screen fabric to a discharge orifice located underneath the screen fabric, the said method allowing exact and accurately reproducible measured values, it is proposed that the gas stream be recorded quantitatively and be kept constant over the course of the screening operation. <IMAGE>

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