

Title (en)

METHOD AND SYSTEM FOR ANALYSING SOLID PARTICLES IN A MEDIUM

Title (de)

VERFAHREN UND SYSTEM ZUR ANALYSE VON FESTSTOFFTEILCHEN IN EINEM MEDIUM

Title (fr)

PROCEDE ET SYSTEME D'ANALYSE DE PARTICULES SOLIDES DANS UN MILIEU

Publication

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Application

**EP 09795454 A 20091117**

Priority

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Abstract (en)

[origin: WO2010058102A1] The present invention relates to a system (1) for analysing solid particles in a medium (2), including illumination means (3) suitable for generating a light field (30) in the medium (2), means (4) for trapping at least one section (30') of the light field (30) generated and arranged in the direction (31) of said light field (30), and main means (5) for detecting the light field (30") diffused by said solid particles in said medium (2). In said system, the main detection means (5) include a photodetector (52) for the light field (30") diffused by the solid particles in the medium (2) and a counter (53) of said solid particles in said medium (2), said main detection means (5) being positioned in a direction (51) forming an angle (a) substantially of 10° to 20° relative to the direction (31) of the light field (30) generated. The present invention also relates to a method for analysing solid particles in a medium (2) implementing such an analysis system (1).

IPC 8 full level

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CPC (source: EP KR US)

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