

Title (en)
METHOD AND ARRANGEMENT FOR PARTICLE MEASUREMENT BY IMAGE ANALYSIS

Title (de)
VERFAHREN UND GERÄT ZUR PARTIKELMESSUNG DURCH BILDVERARBEITUNG

Title (fr)
METHODE ET APPAREILLAGE POUR MESURE DE PARTICULES PAR ANALYSE D'IMAGES

Publication
EP 1405053 A1 20040407 (FR)

Application
EP 02754799 A 20020627

Priority
• EP 02754799 A 20020627
• EP 0207209 W 20020627
• EP 01202539 A 20010702

Abstract (en)
[origin: EP1273901A1] System for automatic measurement of particle granularity and morphology includes a device for dispersing the particles over a surface. Another device guides the particles into the focal field of a illumination system connected to a camera which takes images of the particles for analysis. The particles are dispersed onto circular platform horizontal plates, attached to a transmission belt, and are horizontally guided into the focal field. An Independent claim is included for a method for automatic measurement of particle granularity and morphology.

IPC 1-7
G01N 15/02

IPC 8 full level
G01N 15/02 (2006.01); **G01N 15/14** (2006.01); **G01N 21/84** (2006.01); **G01N 21/85** (2006.01)

CPC (source: EP US)
G01N 15/0227 (2013.01 - EP US); **G01N 21/85** (2013.01 - EP US); **G01N 2015/025** (2013.01 - EP US); **G01N 2015/1497** (2013.01 - EP US); **G01N 2021/845** (2013.01 - EP US); **G01N 2021/8592** (2013.01 - EP US)

Citation (search report)
See references of WO 03005000A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1273901 A1 20030108; CA 2451759 A1 20030116; EP 1405053 A1 20040407; US 2004151360 A1 20040805; WO 03005000 A1 20030116

DOCDB simple family (application)
EP 01202539 A 20010702; CA 2451759 A 20020627; EP 0207209 W 20020627; EP 02754799 A 20020627; US 48222103 A 20031230