

Title (en)

METHOD AND DEVICE FOR PROVIDING SAMPLES OF BULK MATERIAL FOR ANALYSIS OF CONSTITUENTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BEREITSTELLUNG VON SCHÜTTGUTPROBEN FÜR DIE ANALYSE VON INHALTSSTOFFEN

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE METTRE A DISPOSITION DES ECHANTILLONS DE PRODUITS EN VRAC POUR L'ANALYSE DE CONSTITUANTS

Publication

EP 0882222 A1 19981209 (DE)

Application

EP 97942948 A 19970918

Priority

- DE 19644871 A 19961029
- EP 9705114 W 19970918

Abstract (en)

[origin: DE19644871A1] The invention relates to a method for providing samples of bulk material for optical analysis of materials. According to the invention the bulk material is placed on an oscillating conveyor, which produces rotary oscillations or rotary lift oscillations and conveys bulk material in the form of a flowing, constantly thick layer to sensor measurement point for analysis. The oscillating conveyor flow can be interrupted for the duration of analysis. The conveyor flow is thus subjected to spectroscopic analysis. The invention also relates to a device to carry out the above-mentioned method, comprising an oscillating conveyor (1,2) to convey bulk material (5), so designed as to produce rotary oscillations or rotary lift oscillations, and preferably a conveyor container (2) with a window, closed at the top.

IPC 1-7

G01N 1/20; B65G 27/02

IPC 8 full level

G01N 1/00 (2006.01); **B65G 27/02** (2006.01); **G01N 1/04** (2006.01); **G01N 1/20** (2006.01); **G01N 21/35** (2014.01); **G01N 21/3563** (2014.01); **G01N 21/359** (2014.01)

CPC (source: EP)

B65G 27/02 (2013.01); **G01N 1/20** (2013.01)

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

DE 19644871 A1 19980507; EP 0882222 A1 19981209; JP 2000503400 A 20000321; WO 9819149 A1 19980507

DOCDB simple family (application)

DE 19644871 A 19961029; EP 9705114 W 19970918; EP 97942948 A 19970918; JP 51996398 A 19970918