Title (en)

OBTAINING DATA FROM A MOVING PARTICULATE PRODUCT

Title (de)

GEWINNUNG VON DATEN AUS EINEM SICH BEWEGENDEN TEILCHENFÖRMIGEN PRODUKT

Title (fr)

OBTENTION DE DONNÉES À PARTIR D'UN PRODUIT PARTICULAIRE MOBILE

Publication

EP 3914902 A2 20211201 (EN)

Application

EP 20745043 A 20200123

Priority

- ZA 201900491 A 20190124
- IB 2020050511 W 20200123

Abstract (en)

[origin: WO2020152609A2] A sensor structure (10) is used for obtaining data from a moving stream of particulate material (11), with a light source (56) providing a focussed light beam (64) to illuminate the particles (11) and a light receiver (54) receiving light reflected off the illuminated particles (11) and transmitting the light to an optical sensor. The light from the illuminated particles (11) in a small analysis zone (65) is analysed during short intervals, so that light from only one particle is analysed at a time. The light from a large number of individual particles (11) is analysed separately and an analysis result is calculated from the analysis of the light reflected from the multiple individual particles (11).

IPC 8 full level

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