

Title (en)

SPECTROSCOPIC METHODS FOR COMPONENT PARTICLE ANALYSIS

Title (de)

SPEKTROSKOPISCHE VERFAHREN ZUR ANALYSE VON KOMPONENTENTEILCHEN

Title (fr)

PROCEDES SPECTROSCOPIQUES DESTINES A UNE ANALYSE D'UNE PARTICULE D'UN COMPOSANT

Publication

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Application

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- US 77804 A 20041130
- US 9112605 A 20050328

Abstract (en)

[origin: WO2006091221A2] The invention relates to methods of assessing one or more geometric properties of a particle of a substance using an spectroscopic property of the substance. The method is useful, for example, for assessing particle sizes and size distributions in mixtures containing both particles of the substance and other materials.

IPC 8 full level

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Citation (search report)

- [XY] WO 0111340 A1 20010215 - CELLOMICS INC [US], et al
- [XY] US 2004021861 A1 20040205 - LEWIS E NEIL [US], et al
- [XY] US 2004101912 A1 20040527 - RUBIN RICHARD A [US], et al
- [XY] GB 2326229 A 19981216 - CARR ROBERT JEFFREY GEDDES [GB]
- [X] US 3497690 A 19700224 - WHEELLESS LEON L JR, et al
- [A] US 2004096977 A1 20040520 - RAKESTRAW DAVID J [US], et al
- [A] US 6181414 B1 20010130 - RAZ RYAN S [CA], et al

Cited by

DE102015001033A1

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