

Title (en)

NANOSTRUCTURE, IN PARTICULAR FOR ANALYSING INDIVIDUAL MOLECULES

Title (de)

NANOSTRUKTUR INSBESONDERE ZUR ANALYSE VON EINZELMOLEKÜLEN

Title (fr)

NANOSTRUCTURE, NOTAMMENT POUR ANALYSER DES MOLECULES INDIVIDUELLES

Publication

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Application

EP 02792817 A 20021127

Priority

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- US 33345001 P 20011127

Abstract (en)

[origin: WO03046216A1] The invention relates to a nanostructure and to a method for analysing or synthesising a small quantity of molecules or individual molecules, in particular for the sequencing of individual molecules of nucleic acids.

IPC 1-7

C12Q 1/68; **B01L 3/00**; **G01N 33/487**

IPC 8 full level

B01L 3/00 (2006.01); **C12M 1/34** (2006.01); **C12Q 1/68** (2006.01); **G01N 33/487** (2006.01)

CPC (source: EP US)

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C-Set (source: EP US)

1. **C12Q 1/6834** + **C12Q 2565/629** + **C12Q 2565/1025** + **C12Q 2521/325**
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Citation (search report)

See references of WO 03046216A1

Citation (examination)

- WO 9739338 A1 19971023 - UNIV WASHINGTON [US], et al
- US 6171865 B1 20010109 - WEIGL BERNHARD H [US], et al
- KAMHOLZ, SCHILLING, YAGER: "Optical measurment of transverse molecular diffusion in a microchannel", BIOPHYSICAL JOURNAL, vol. 80, April 2001 (2001-04-01), pages 1967 - 1972, XP008079271

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