

Abstract

The present invention relates to a method of reproducing at least one single-walled carbon nanotube (3) having predefined electronic properties or a plurality of single-walled carbon nanotube (3) having the same electronic properties. A dispersion (2) is produced for this purpose and carbon nanotubes (3) contained in the dispersion are processed into fragments (6) by energy input. These fragments (6) are applied to and oriented on a carrier (7). The fragments (6) are subsequently extended by chemical vapor deposition and the originally present carbon nanotubes (3) are thus reproduced.

(Fig. 6)