

Title (en)  
CATALYST FOR PRODUCING CARBON NANOTUBES BY MEANS OF THE DECOMPOSITION OF GASEOUS CARBON COMPOUNDS ON A HETEROGENEOUS CATALYST

Title (de)  
KATALYSATOR ZUR HERSTELLUNG VON KOHLENSTOFFNANORÖHRCHEN DURCH ZERSETZUNG VON GASFÖRMIGEN KOHLENSTOFFVERBINDUNGEN AN EINEM HETEROGENEN KATALYSATOR

Title (fr)  
CATALYSEUR POUR PRODUIRE DES NANOTUBES DE CARBONE PAR DECOMPOSITION DE COMPOSES DE CARBONE GAZEUX SUR UN CATALYSEUR HETEROGENE

Publication  
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Application  
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Abstract (en)  
[origin: WO2006050903A2] The invention relates to a method for producing carbon nanotubes, especially nanotubes with a diameter of between 3 and 150 nm and an aspect ratio length:diameter (L:D) > 100, by means of the decomposition of hydrocarbons on a heterogeneous catalyst containing Mn, Co, preferably also molybdenum, and an inert carrier material. The invention also relates to the catalyst and the carbon nanotubes themselves, and to the use thereof.

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