

A method of making aligned rope like nanocarbon structures with platelet like carbon units from cashew nut shell pyrolysis vapours

Abstract:

A method of making aligned rope like nanocarbon structures with platelet like carbon units from cashew nut shell pyrolysis vapours. The method comprises cracking the pyrolysis vapours at 750°C to 900°C and at atmospheric pressure over a supported bimetallic catalyst comprising Co-Ni supported on silica and purifying the nanocarbon structures formed with an acid.

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