

**PROCESS AND APPARATUS FOR SYNTHESIZING MULTIWALL CARBON
NANOTUBES FROM HIGH MOLECULAR POLYMERIC WASTES**

ABSTRACT

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This invention relates to a process and an apparatus for synthesizing multiwall carbon nanotubes from high molecular polymeric wastes. The process comprises using induction heating in combination with catalytic chemical vapour deposition (CVD) with an array of catalytic materials to synthesize high value carbon nanotubes with better
10 yield and purity from high molecular polymeric wastes.

(Figure 1)