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(54) Title: ELECTRONIC INTERCONNECT DEVICES

(57) Abstract: An improved method of fabricating an electronic interconnect device using direct imaging of dielectric composite material by the inclusion of a conducting material in the composite material that becomes non-conducting through exposure to electromagnetic radiation. The conducting material generally comprises single-wall carbon nanotubes.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC(7) : H01L 51/40, 51/00; 35/24
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B. FIELDS SEARCHED
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,057,637 (ZETTL et al.) 02 May 2000, column 1, lines 18-23, column 3, lines 18-23, column 5, lines 14-35, 45-55, column 6, lines 15-25, column 12, lines 5-21, column 3, lines 60-65	1-5
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Y		6-25
Y	Background of the Invention, pages 1-4	6-25

Further documents are listed in the continuation of Box C. See patent family annex.

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