

12 **EUROPEAN PATENT APPLICATION**

21 Application number: 84114440.5

51 Int. Cl.⁴: **C 25 D 7/06**
D 01 F 11/10

22 Date of filing: 29.11.84

30 Priority: 29.11.83 JP 223375/83
24.04.84 JP 83402/84

43 Date of publication of application:
31.07.85 Bulletin 85/31

88 Date of deferred publication of search report: 21.08.85

84 Designated Contracting States:
BE CH DE FR GB IT LI NL SE

71 Applicant: **Toho Beslon Co., Ltd.**
No. 3-9, Nihonbashi 3-chome
Chuo-ku Tokyo(JP)

72 Inventor: **Yamada, Kozo, engineer**
No. 830-3 Kamitokari Nagaizumi-cho Sunto-gun
Shizuoka(JP)

72 Inventor: **Tanaka, Takayuki, engineer**
No. 801-1 Nkatokari, Nagaizumi-cho Sunto-gun
Shizuoka(JP)

72 Inventor: **Ohkita, Tadashi**
No. 234, Minamiisshikik Nagaizumi-cho
Sunto-gun Shizuoka(JP)

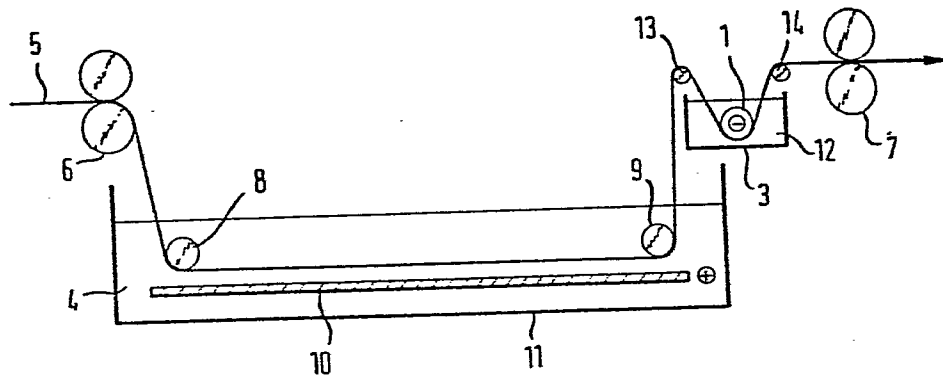
74 Representative: **Lehn, Werner, Dipl.-Ing. et al,**
Hoffmann, Eitle & Partner Patentanwälte Arabellastrasse
4 (Sternhaus)
D-8000 München 81(DE)

54 **Electroplating method for carbon fibers and apparatus therefor.**

57 Performing continuous electric plating of a carbon fiber strand (5) in a plating bath (11), an electric current is supplied to the carbon fiber strand (5) in a liquid (12) or an inert gas outside the plating bath (11) and electric plating is performed in the plating bath using the carbon fiber strand (5) as the cathode.

A metal-coated carbon fiber strand having substantially no uneven color tone and plating defects may be obtained.

FIG. 2





European Patent
Office

EUROPEAN SEARCH REPORT

0149763

Application number

EP 84 11 4440

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
X	EP-A-0 088 884 (ELECTRO METALLOID CORP.) * Page 14, lines 14-21; figure 5; page 15, example 1 * -----	1-11, 14-18, 22, 23	C 25 D 7/06 D 01 F 11/10
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			C 25 D D 01 F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 23-04-1985	Examiner NGUYEN THE NGHIEP
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO Form 1503, 03.82