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(71) Applicant(s):

TORAY INDUSTRIES, INC. [JP/JP]; 1-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo 1038666 (JP) *(for all designated states)*

(72) Inventor(s):

HARIMOTO, Kenichi; c/o Shiga Plant, Toray Industries, Inc., 1-1, Sonoyama 1-chome, Otsu-shi, Shiga 5208558 (JP)
SAKAGUCHI, Hirokazu; c/o Shiga Plant, Toray Industries, Inc., 1-1, Sonoyama 1-chome, Otsu-shi, Shiga 5208558 (JP)
YAMADA, Satoshi; c/o Seta Plant, Toray Industries, Inc., 1-1, Oe 1-chome, Otsu-shi, Shiga 5202141 (JP)

(74) Agent(s):

SAKAI INTERNATIONAL PATENT OFFICE; Toranomom Mitsui Building, 8-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 1000013 (JP)

(54) Title (EN): NEUROREGENERATION INDUCING TUBE

(54) Title (FR): TUBE D'INDUCTION DE NEURORÉGÉNÉRATION

(54) Title (JA): 神経再生誘導チューブ

(57) Abstract:

(EN): A neuroregeneration inducing tube according to the present invention is provided with: a main body section having a tubular shape; and a plurality of fibers accommodated in the main body section and extending in the longitudinal direction of the main body section. At least some fibers among the plurality of fibers are modified cross-section fibers each having: a shaft section extending in the longitudinal direction of the fiber; and at least three ridge sections which are continuous in the longitudinal direction of the fiber and protrudes from the shaft section and that each of which has a height of at least 0.5 μm from the shaft section.

(FR): L'invention concerne un tube d'induction de neurorégénération qui, selon la présente invention, comporte : une section de corps principal de forme tubulaire ; et une pluralité de fibres logées dans la section de corps principal et s'étendant dans la direction longitudinale de la section de corps principal. Au moins certaines fibres de la pluralité de fibres sont des fibres à section transversale modifiée ayant chacune : une section de tige s'étendant dans la direction longitudinale de la fibre ; et au moins trois sections d'arête qui sont continues dans la direction longitudinale de la fibre, font saillie à partir de la section de tige et présentent chacune une hauteur d'au moins 0,5 μm à partir de la section de tige.

(JA): 本発明にかかる神経再生誘導チューブは、管状をなす本体部と、本体部に収容され、該本体部の長手方向に延びる複数の繊維と、を備え、複数の繊維の少なくとも一部の繊維は、当該繊維の長手方向に延びる軸部と、当該繊維の長手方向に連続し、軸部から突出する凸条部であって、軸部からの高さが 0.5 μm 以上である、少なくとも三本の凸条部と、を有する異形断面繊維である。

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