Title (en)

RACKET STRING, METHOD FOR MANUFACTURING SAME, AND RACKET STRUNG WITH SAME

Title (de)

SCHLÄGERSAITE, HERSTELLUNGSVERFAHREN DAFÜR UND DAMIT BESPANNTER SCHLÄGER

Title (fr)

CORDE DE RAQUETTE, PROCÉDÉ POUR SA FABRICATION, ET RAQUETTE GARNIE DE CELLE-CI

Publication

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Application

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Priority

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Abstract (en)

A racket string 10 of the present invention includes a synthetic fiber. The cross section is flattened by heating, compressing, and deforming the string after it has been formed, and an indentation is made in any part of the string. The flattened string is wound in a substantially non-twisted state. A method for producing the racket string includes heating the string at a temperature of Tg (°C) or more and Tm - 10 (°C) or less, where Tg (°C) represents a glass transition point and Tm (°C) represents a melting point of a main synthetic fiber constituting the string, compressing and deforming the string between rollers 7a and 7b that are arranged with a predetermined clearance therebetween; and then cooling and winding up the string. In a racket strung with the racket string of the present invention, a principal surface of a hitting surface of the racket is formed of the flat surfaces of the string, and the strings include uneven portions due to torsion that are present partially and non-uniformly on the hitting surface of the racket. Thus, the present invention provides a racket string that can make full use of the features of the flat surface, a method for producing the racket string, and a racket strung with the racket string.

IPC 8 full level

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