

Title (en)

Method for making fiber sheet reinforced wood racket.

Title (de)

Verfahren zur Herstellung eines mit Faserkunststoffschichten verstärkten Schlägers.

Title (fr)

Procédé de fabrication d'une raquette en bois renforcée avec des panneaux de fibres.

Publication

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Application

EP 82304940 A 19820920

Priority

US 31000281 A 19811009

Abstract (en)

For reinforcing a wooden racket, uncured resin impregnated carbon fiber sheets with the fiber thereof being arranged in cross-ply pattern are tailored to adapt to the flat shape of respective portion of a wooden racket. Each fiber of the carbon fiber sheets 22 or 23 is oriented at an angle ranging from +/- 25 DEG c - +/- 45 DEG with respect to a longitudinal axis of a racket. A further thermoset resin impregnated carbon fiber sheet with the fiber thereof being arranged in cross-ply pattern are tailored to the desired length to supplement the weaker portion of the wooden racket. Each fiber of further carbon fiber sheet 25 is oriented at an angle ranging from 0 DEG +/- 90 DEG with respect to the longitudinal axis of the racket. By means of heat sealing, the above two sheets are bonded to form a fiber laminate for reinforcing the wood racket.

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IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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