

Title (en)

STRINGS OF SYNTHETIC MATERIALS FOR TENNIS RACKETS

Publication

EP 0049196 B1 19850821 (FR)

Application

EP 81401480 A 19810924

Priority

FR 8020663 A 19800926

Abstract (en)

[origin: EP0049196A1] 1. A synthetic cord, in particular for a tennis racquet, comprising fibers of a first synthetic material and a binder of a second synthetic material interconnecting the said fibers, the fibers constituting an assembly of turns which are inclined relative to the longitudinal axis of the cord and which are interconnected by the binder, the cord being characterized in that the fibers (1) have a breaking strain in the range 10% to 25%, the binder (2) being constituted by a thermoplastic material having a melting point lower than the melting point of the fibers (1) and having a breaking strain greater than 200%, and the binder (2) having a Shore D hardness number not less than 55.

IPC 1-7

D02G 3/44; **A63B 51/02**

IPC 8 full level

A63B 51/02 (2015.01); **D02G 3/44** (2006.01); **D07B 1/02** (2006.01)

CPC (source: EP)

A63B 51/02 (2013.01); **D02G 3/444** (2013.01); **D07B 1/02** (2013.01); **D07B 1/16** (2013.01); **D07B 2207/4059** (2013.01)

Cited by

GB2266322A; FR2808697A1; FR2770140A1; US6009699A; EP0252830A1; FR2601393A1; US6978593B2; WO0185268A1

Designated contracting state (EPC)

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