

Title (en)

Process for manufacturing a string of polyvinylidene fluoride monofilament and its use.

Title (de)

Verfahren zum Herstellen einer Saite aus Polyvinylidenfluoridmonofil sowie deren Verwendung.

Title (fr)

Procédé pour la fabrication d'une corde d'un monofilament de fluorure de polyvinylidène et son utilisation.

Publication

EP 0017758 A3 19810204 (DE)

Application

EP 80101301 A 19800313

Priority

DE 2914606 A 19790411

Abstract (en)

[origin: US4339499A] A string for the stringing of rackets, bows, musical instruments and the like which has a thread-like structure of polyvinylidene fluoride. The string is obtained by extruding a rod of polyvinylidene fluoride at a melt temperature of the polyvinylidene fluoride, cooling the rod at a temperature between 60 DEG -150 DEG C., and then axially stretching the rod at this temperature following by cooling the rod to room temperature and thereafter cold-stretching the monofil. The string is characterized by an elasticity that approaches that of natural gut string.

IPC 1-7

D01F 6/12; **D02G 3/02**; **D02G 3/44**; **A63B 51/02**

IPC 8 full level

B29C 61/00 (2006.01); **B29C 55/00** (2006.01); **D02G 3/02** (2006.01); **G10D 3/10** (2006.01)

CPC (source: EP US)

D02G 3/02 (2013.01 - EP US); **D02G 3/44** (2013.01 - EP US); **G10D 3/10** (2013.01 - EP US); **D10B 2321/04** (2013.01 - EP US); **Y10T 428/2929** (2015.01 - EP US); **Y10T 428/2962** (2015.01 - EP US); **Y10T 428/2967** (2015.01 - EP US)

Citation (search report)

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- FR 2380119 A1 19780908 - FISCHER GMBH [AT]
- US 3197538 A 19650727 - CAPRON SHEILA W, et al

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Designated contracting state (EPC)

AT BE CH DE FR GB IT LU NL

DOCDB simple family (publication)

EP 0017758 A2 19801029; **EP 0017758 A3 19810204**; AU 5641580 A 19801016; CA 1155620 A 19831025; DE 2914606 A1 19801016; DE 2914606 B2 19810611; JP S55140536 A 19801104; US 4339499 A 19820713

DOCDB simple family (application)

EP 80101301 A 19800313; AU 5641580 A 19800313; CA 349597 A 19800410; DE 2914606 A 19790411; JP 4792580 A 19800411; US 13670180 A 19800402