

Title (en)
Bowstring.

Title (de)
Sehne für einen Bogen.

Title (fr)
Corde pour un arc.

Publication
EP 0270707 A1 19880615 (EN)

Application
EP 86202166 A 19861204

Priority
EP 86202166 A 19861204

Abstract (en)
Bowstring comprising filaments having a tensile strength ≥ 2 GPa and a modulus ≥ 20 GPa on the basis of linear polyethylene having an Mw of ≥ 5000 kg/Kmol. Preferably the filaments are obtained by thermoreversible gelation of a polyethylene solution followed by stretching. The bowstring obtained shows very low elongation, a high arrow velocity and an extremely long life.

IPC 1-7
D01F 6/04

IPC 8 full level
D01F 6/04 (2006.01); **F41B 5/00** (2006.01)

CPC (source: EP)
D01F 6/04 (2013.01); **F41B 5/1411** (2013.01)

Citation (search report)

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- [YD] EP 0055001 A1 19820630 - STAMICARBON [NL]
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Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI LU NL SE

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