

Title (en)
COMPOSITE POLYESTER MATERIAL HAVING A LUBRICOUS SURFACE

Title (de)
POLYESTERVERBUNDMATERIAL MIT REIBUNGSARMER OBERFLAECHE

Title (fr)
MATERIAU POLYESTER COMPOSITE DOTE D'UNE SURFACE GLISSANTE

Publication
EP 0773803 A1 19970521 (EN)

Application
EP 95927163 A 19950717

Priority
• US 9508836 W 19950717
• US 28029194 A 19940725

Abstract (en)
[origin: WO9603163A1] A low friction intravascular catheter component formed of a polyester matrix having incorporated therein a finely divided lubricous particulate which is preferably one or more suitable lubricous particulate selected from the group consisting of graphite, molybdenum disulfide, TiC, MoC, graphite difluoride, and fluoropolymers. The polyester is preferably a copolymer with a predominant amount of polybutylene terephthalate and lesser amounts of components such as polytetramethylene ether glycol which has been esterified with dimethyl terephthalate, e.g. HYTREL3. Typical components made of this low-friction material include the inner or outer tubular members of fixed-wire and over-the-wire dilatation catheters. A polysiloxane fluid may be incorporated within the matrix along with the lubricous particulate matter.

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