

Title (en)

POLYETHER BLOCK AMIDE CATHETER BALLOONS

Title (de)

POLYETHER BLOCK-AMID-POLYMERKATHETERBALLONE

Title (fr)

BALLONNETS DE CATHETERS EN COPOLYMERE SEQUENCE D'AMIDE ET DE POLYETHER

Publication

**EP 1011744 A2 20000628 (EN)**

Application

**EP 98948371 A 19980917**

Priority

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Abstract (en)

[origin: WO9913924A2] An inflatable member such as a balloon which is formed at least in part of a polyamide/polyether block copolymer thermoplastic elastomer, commonly referred to as polyether block amide (PEBA). The presently preferred PEBA copolymer is polyamide/polyether polyester copolymer, such as PEBAX3. The balloon of the invention exhibits high tensile strength, high elongation, and low flexural moduli. The balloon may be formed as a single layer of PEBA, or as a multilayer coextrudate having at least one PEBA layer. The balloon may be 100 % PEBA or a blend of PEBA with another polymer, such as nylon.

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**A61L 29/00**

IPC 8 full level

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CPC (source: EP US)

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C-Set (source: EP US)

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