

Title (en)
PLASTICIZED NYLON BALLOONS FOR MEDICAL DEVICES

Title (de)
BALLONS AUS WEICHGEMACHTEN NYLON FÜR MEDIZINISCHE ANWENDUNGEN

Title (fr)
BALLONNETS EN NYLON PLASTIFIE POUR DISPOSITIFS MEDICAUX

Publication
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Application
EP 97944478 A 19970926

Priority
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Abstract (en)
[origin: WO9836783A1] A balloon for use in a medical device made of a material comprising a plasticized polyamide having a glass transition temperature of less than about 32 DEG C. The polyamide may be Nylon 11 or Nylon 12, the plasticizer may be N-n-butyl benzosulfonamide, and the material may also include a stabilizer. A method for making a balloon for use in a medical device including providing a tube made of a material comprising a plasticized polyamide; disposing the tube in a balloon mold; heating the tube to a temperature within the softening temperature range of the material; pressurizing the tube to conform it with the mold, thus producing a balloon; and removing the balloon from the mold. The method also includes cooling the balloon to within the setting temperature range of the material before removing the balloon from the mold.

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IPC 8 full level
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