

Title (en)
MEDICAL DEVICE

Title (de)
MEDIZINISCHE VORRICHTUNG

Title (fr)
DISPOSITIF MÉDICAL

Publication
EP 3389973 A1 20181024 (EN)

Application
EP 16815920 A 20161219

Priority
• GB 201522383 A 20151218
• GB 2016053979 W 20161219

Abstract (en)
[origin: GB2535612A] A method of making a medical device, the method comprising: heating the polymeric material using a halogen, convection or infrared oven; contacting a portion of a tool 2 corresponding to a subjects body part with a layer of polymeric material, preferably propylene, 20 configured to retain the shape of the tool in the absence of a vacuum, a seal 21 is created by joining the polymeric material to itself; contacting at least a portion of the layer of polymeric material with a UV or heat curable material and curing the curable material so that it become rigid to thereby create a medical device. The curable material is a composite sheet including an inner core of fibre substrate impregnated with a polymer resin where the fibres 22 are carbon, aramid and/or glass fibres. The curable material is wrapped in a releasable membrane, polytetrafluoroethylene, and a vacuum permeable breather fabric is placed over the releasable membrane and then placed in a heat tolerant vacuum bag comprising a vacuum valve. The vacuum bag enclosed tool is placed in an oven or autoclave.

IPC 8 full level
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CPC (source: EP GB)
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Citation (search report)
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