

Title (en)
TOPICAL HYPERBARIC DEVICE

Title (de)
TOPISCHE ÜBERDRUCKVORRICHTUNG

Title (fr)
APPAREIL HYPERBARE TOPIQUE

Publication
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Application
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Abstract (en)
[origin: WO9421323A1] The invention provides a topical hyperbaric device (1.20) for wound healing adapted to retain a charge of therapeutic gas over a treatment period comprising a gas diffusion resistant flexible and/or resilient sheet material (3.31) including an adhesive face adapted to affix to the skin, said adhesive face surrounding a treatment area (16.30), at least one release layer (4.23) disposed over said adhesive face, and a conduit (5.25) for the supply of the therapeutic gas to the treatment area; wherein either the sheet material is formed of a generally planar sheet (3) and the adhesive layer is disposed upon the peripheral underside portion of the sheet, said release layer (4) at least overlaying said adhesive face, or the sheet material (20) is in the form of an inflatable bag, and in that the adhesive layer is disposed upon the peripheral underside portion at least of the portion of the bag adjacent to the treatment area (30), the edge portion (24) further supporting an external pressure ring adjacent the treatment area independent of the adhesive layer, which ring allows pressure to be exerted toward the interface between the skin (28) and the adhesive layer (22) in use.

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