

Title (en)

METHOD AND DEVICE FOR PRODUCING A HOLLOW BODY, IN PARTICULAR A TEXTILE HOLLOW BODY

Title (de)

VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINES INSBESONDERE TEXTILEN HOHLKÖRPERS

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE PRODUIRE UN CORPS CREUX, NOTAMMENT UN CORPS CREUX TEXTILE

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Application

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Abstract (en)

[origin: US5988085A] PCT No. PCT/EP96/00221 Sec. 371 Date Jan. 28, 1998 Sec. 102(e) Date Jan. 28, 1998 PCT Filed Jan. 19, 1996 PCT Pub. No. WO97/05317 PCT Pub. Date Feb. 13, 1997The invention concerns an automatic device and method for producing a hollow body from blanks obtained from a web of material, in particular, a textile material. The hollow body is intended to be used for an airbag or as a cover for a seat or cushion. The device includes a main part (16) in the form of a plate which is self-enclosed in a ring-like manner, two side plates (18, 19) matching the sides of the main part (16), and one or two sewing devices (48, 59). Suction openings (24) connecting to a suction device can be used for securing the blanks to the inner walls of the main part and the side plates, or the blanks can be drawn in electrostatically. A moving device guides the two side plates (18, 19) from the exterior into a position inside the two inner edges (32) of the main part (16) and back out again after the blanks have been sewn. Two guides per automatic sewing device (48,49) can be provided in the vicinity of the edges of the main part or of the side plates.

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