



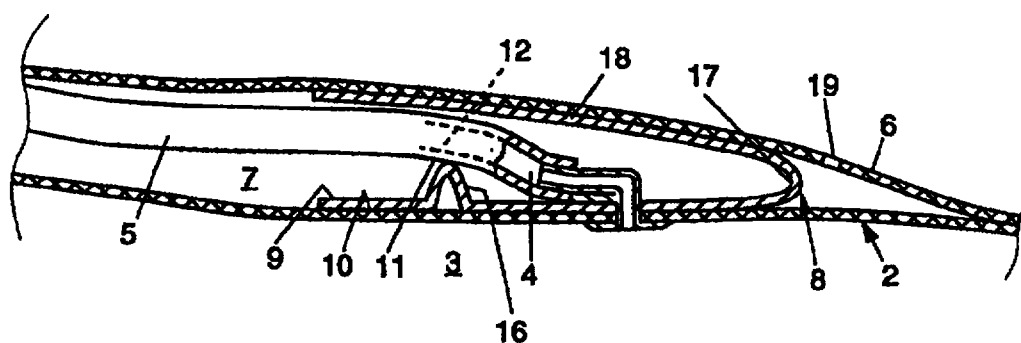
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(21) International Application Number: ✓ PCT/NL96/00326 (22) International Filing Date: ✓ 16 August 1996 (16.08.96) (71)(72) Applicant and Inventor: DUURSMA, Anne, Max [NL/NL]; Rijksweg 71, NL-9934 PC Delfzijl (NL). (72) Inventor; and (75) Inventor/Applicant (for US only): WEIDE, Johannes, Antonius [NL/NL]; Gentiaanveld 3, NL-7006 TB Dootinchem (NL). (74) Agents: SMULDERS, Th., A., H., J. et al.; Vereenigde Octrooibureaux, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).	(81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published With international search report.	

(54) Title: INFLATABLE DEVICE WITH PRESSURE LIMITING VALVE ✓



(57) Abstract

An inflatable device having a bladder (2) bounding a chamber (3) and a passage (4) for filling that chamber (3) is provided with a cover (6) covering a portion of the bladder (2) and with a shut-off structure (8) between the cover (6) and the bladder (2). The shut-off structure (8) has an operating member (9) extending along a first surface area (10) of the bladder (2) and a shut-off portion (11) having a second surface area (12) displaceable between a forward position at least partially shutting off the passage (4) and a retracted position clearing the passage (4). When, during inflation, a predetermined pressure has been achieved, the shut-off structure is compressed between the tensioned cover and the inflated bladder, which causes the shut-off portion to move into its forward position at least partially shutting off the passage (4).