

Title (en)
BALLOON WHICH CAN BE INTERNALLY ILLUMINATED, CAN BE FILLED WITH PROPELLANT GAS AND IS ABLE TO CLIMB, AND USE OF A BALLOON

Title (de)
INNENBELEUCHTBARER, MIT TREIBGAS BEFÜLLBARER STEIGFÄHIGER BALLON SOWIE VERWENDUNG EINES BALLONS

Title (fr)
BALLON AYANT DES CAPACITÉS ASCENSIONNELLES, REMPLISSABLE AVEC UN GAZ PROPULSEUR ET AVEC POSSIBILITÉ D'ÉCLAIRAGE INTERNE AINSI QU'UTILISATION D'UN BALLON

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Abstract (en)
[origin: WO2016198555A1] The present invention relates to a balloon (100) which can be internally illuminated, can be filled with propellant gas and is able to climb, comprising a lower (103) and upper (102) region during generic use, and having an interior space (101), wherein one or more light-emitting diodes (106) are located in the interior space (101), which are designed and configured to illuminate the interior space (101) of the balloon (100), wherein the one or more light-emitting diodes (106) are connected or can be connected via at least one first cable (110) or at least one contact to at least one energy source (122) which is located outside of the interior space (101) which can be filled or is filled with propellant gas, wherein the balloon (100) is formed from one, two or more material webs or comprises same, which is or are connected to each other along common seams (104) in a propellant-gas-tight manner, wherein the one light-emitting diode or the plurality of light-emitting diodes (106) is or are incorporated, in some sections, at one or more positions, into at least one provided common seam (104) of adjacent material webs, or wherein a first connection element (107) is incorporated, in some sections or substantially fully, at one or more positions, into at least one provided common seam (104) of adjacent material webs or adjacent material web sections, wherein a light-emitting diode or the plurality of light-emitting diodes (106) which are connected or can be connected to the first connection element (107) are provided, or wherein the one light-emitting diode or the plurality of light-emitting diodes (106) can be connected, in some sections, at one or more positions, to the inner wall of one or more material webs, or wherein the first connection element (107) is connected, in some sections, at one or more positions, to the inner wall of one or more material webs, wherein a light-emitting diode or the plurality of light-emitting diodes (106) which are connected or can be connected to the first connection element (107) are provided. The invention further relates to the use of the balloon according to the preceding claims as a fan article or for illuminating garden premises or parks, as publicity carriers, publicity articles, a lamp for indoor and/or outdoor areas, signal balloon, warning balloon, route indicator, orientation aid, navigation aid, information sign or communication means.

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