

Title (en)
Illuminated inflatable balloon

Title (de)
Beleuchteter aufblasbarer Ballon

Title (fr)
Ballon gonflable éclairant

Publication
EP 0679413 B1 19970702 (FR)

Application
EP 95400952 A 19950427

Priority
FR 9405216 A 19940429

Abstract (en)
[origin: EP0679413A1] The balloon (1) has a flexible outer surface (1) which is connected an electric cable with an outer sheath (27). A sealed connection through the balloon wall is made by an outer plate (4) with inner ring and sealed connections (13). Nut connections (28) on the outer wall allow connection to an inner section. The cable connects a power source on the ground to a light in the centre of the balloon. An actuation device inside the balloon consists of a spring (7) which is tensioned by a flexible connector and connected to the loop (17) of a two-sided pin (19). Switches (25) are positioned between the power source and the light. A wire (5) links part of the surface and the actuator which is positioned at another location at the surface periphery. The pin has a sliding holder (24) and an inner spring (15). The pin base (21) is clear of the switch (26) when the balloon is inflated, but pushes the switch closed when the balloon is deflated, switching off the electricity. <IMAGE>

IPC 1-7
A63B 43/06; **A63H 27/10**

IPC 8 full level
A63H 27/10 (2006.01); **B64B 1/58** (2006.01); **F21S 8/00** (2006.01); **A63B 43/06** (2006.01); **F21V 23/04** (2006.01); **F21V 25/04** (2006.01)

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Cited by
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