

Title (en)  
Illuminated inflatable balloon with integrated control unit

Title (de)  
Beleuchteter aufblasbarer Ballon mit integrierter Steuervorrichtung

Title (fr)  
Ballon d'éclairage à enveloppe gonflable et à bloc de commande intégré

Publication  
**EP 0834693 B1 20010704 (FR)**

Application  
**EP 97410105 A 19970919**

Priority  
FR 9612207 A 19961002

Abstract (en)  
[origin: EP0834693A1] The lamp has an inflatable envelope (12) that encloses the light source (14) and its controls (18). The envelope is made of a translucent flexible material that is sealed round the light source and its controls. The envelope can be inflated with air or helium through a valve (24) that allows external inflation or release of air or helium. The envelope is attached to the top of the light source (48) and to the bottom of the electronic control unit (20). A grille extends from the side of the light source to prevent contact between the envelope and the light source and to improve the mechanical rigidity of the lamp assembly.

IPC 1-7  
**F21S 6/00**; **F21V 1/06**

IPC 8 full level  
**F21V 17/02** (2006.01); **F21S 2/00** (2006.01); **F21S 4/00** (2006.01); **F21S 8/00** (2006.01); **F21S 8/08** (2006.01); **F21S 9/02** (2006.01); **F21V 3/00** (2006.01); **F21V 15/02** (2006.01); **F21V 21/22** (2006.01); **F21V 23/00** (2006.01); **A63H 27/10** (2006.01); **F21W 131/00** (2006.01); **F21Y 101/00** (2016.01)

CPC (source: EP KR US)  
**F21V 3/026** (2013.01 - EP US); **F21V 31/00** (2013.01 - KR); **A63H 2027/1058** (2013.01 - EP US); **F21S 8/08** (2013.01 - EP US); **F21V 15/02** (2013.01 - EP US)

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**EP 0834693 A1 19980408**; **EP 0834693 B1 20010704**; AR 008649 A1 20000209; AT E202835 T1 20010715; AU 3932597 A 19980409; AU 717361 B2 20000323; BR 9704958 A 19981103; CA 2215135 A1 19980402; CA 2215135 C 20060207; CN 1085814 C 20020529; CN 1180808 A 19980506; DE 69705476 D1 20010809; DE 69705476 T2 20020425; ES 2160914 T3 20011116; FR 2754040 A1 19980403; FR 2754040 B1 19981113; GR 3036730 T3 20011231; ID 18600 A 19980423; JP 2003151339 A 20030523; JP 3523991 B2 20040426; JP H10188622 A 19980721; KR 100460172 B1 20050117; KR 19980032473 A 19980725; MX 9707365 A 19980430; MY 127471 A 20061229; PT 834693 E 20011228; RU 2188981 C2 20020910; SG 48538 A1 19980417; US 6012826 A 20000111; ZA 978743 B 19980401

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**EP 97410105 A 19970919**; AR P970104550 A 19971002; AT 97410105 T 19970919; AU 3932597 A 19970930; BR 9704958 A 19971001; CA 2215135 A 19970924; CN 97120008 A 19970929; DE 69705476 T 19970919; ES 97410105 T 19970919; FR 9612207 A 19961002; GR 20010401585 T 20010927; ID 973321 A 19970929; JP 2002332748 A 20021115; JP 27000797 A 19971002; KR 19970050786 A 19971001; MX 9707365 A 19970926; MY PI9704324 A 19970917; PT 97410105 T 19970919; RU 97116398 A 19971001; SG 1997003491 A 19970922; US 93404897 A 19970919; ZA 978743 A 19970930