

Title (en)  
Inflatable balloon for lighting purposes

Title (de)  
Mit Luft aufblasbarer Ballon für Beleuchtungszwecke

Title (fr)  
Ballon gonflable destiné à l'éclairage

Publication  
**EP 1630472 A2 20060301 (DE)**

Application  
**EP 05405347 A 20050517**

Priority  
CH 9792004 A 20040609

Abstract (en)  
An air-inflatable balloon with a light-source at its center, consists of number of sections (5) which form meridians and are joined together to form a spherical-shaped body. The sections (5) of fabric are joined to one another along a meridian line (6) of the balloon (1) by high-frequency (HF) welding, which secures melting of at least one thermoplastic inter-layer along a connection- and/or overlap-zone of two adjacent sections (5) so that an air-tight join is secured along the weld-seams (6).

IPC 8 full level  
**F21S 8/00** (2006.01); **F21W 131/10** (2006.01)

CPC (source: EP)  
**F21V 3/023** (2013.01); **F21V 21/06** (2013.01); **F21W 2131/10** (2013.01)

Citation (applicant)

- FR 717535 A 19320109
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- US 3610916 A 19711005 - MEEHAN FRANK P
- US 4704934 A 19871110 - NOSRATI MOHAMMAD [US]
- DE 3015962 A1 19811105 - SZOLLMANN ANTON
- "http://www.powermoon.de/ger.php?p=german."
- "http://www.heatwaves.nl/inhoud/dui/principe.html."
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