

Title (en)

Closure head for a gas inflatable balloon

Title (de)

Verschlusskopf für einen mit Gas aufblasbaren Ballon

Title (fr)

Tête de fermeture pour un ballon gonflable au gaz

Publication

**EP 1052003 A3 20030423 (DE)**

Application

**EP 00109818 A 20000509**

Priority

- DE 19921789 A 19990511
- DE 10009553 A 20000229

Abstract (en)

[origin: EP1052003A2] The closure head (10) has a tubular outer part (11) for accommodating a balloon (100) pulled onto the closure head on the outer surface (111) of the tubular part, a gas delivery channel (14) for delivering gas through at least one outlet (15) into the ball and a holder (20) for a light source (22) for internal illumination of a balloon on the head. The holder is arranged inside a tubular inner part (12), whereby the delivery channel outlet is formed between the outer part and the inner part. An independent claim is also included for a light head for an air balloon.

IPC 1-7

**A63H 27/10**

IPC 8 full level

**A63H 27/10** (2006.01)

CPC (source: EP)

**A63H 27/10** (2013.01); **A63H 2027/1041** (2013.01); **A63H 2027/1058** (2013.01); **A63H 2027/1083** (2013.01); **A63H 2027/1091** (2013.01)

Citation (search report)

- [X] US 4292999 A 19811006 - SZOLLMANN ANTON
- [X] DE 3015962 A1 19811105 - SZOLLMANN ANTON
- [X] US 1832408 A 19311117 - MODES JOHN H
- [X] US 1229794 A 19170612 - SALZER ARTHUR [US]
- [A] US 4542445 A 19850917 - MARLETTA MICHAEL [US]
- [A] EP 0179949 A1 19860507 - NEUMEIER ROBERT
- [A] US 3536906 A 19701027 - BLOOM WILLIAM

Cited by

AT501446A1; AT501446B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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