

Title (en)
LUMINOUS BALLOON

Title (de)
LEUCHTLUFTBALLON

Title (fr)
BALLON ÉCLAIRANT

Publication
EP 3450835 A1 20190306 (FR)

Application
EP 18187599 A 20180806

Priority
FR 1758043 A 20170831

Abstract (fr)
L'invention concerne un ballon éclairant (1), comportant au moins une enveloppe gonflable (2) ; une embase (3) de réception de l'enveloppe ; et au moins trois tiges (4) approximativement rectilignes, régulièrement réparties autour de l'embase, l'enveloppe du ballon gonflé portant sur lesdites tiges.

IPC 8 full level
F21V 1/06 (2006.01); **B64B 1/40** (2006.01); **F21V 3/02** (2006.01); **F21V 29/60** (2015.01)

CPC (source: EP)
F21V 1/06 (2013.01); **F21V 3/023** (2013.01); **F21V 3/026** (2013.01); **F21V 29/60** (2015.01); **F21V 21/22** (2013.01); **F21Y 2107/30** (2016.07); **F21Y 2115/10** (2016.07)

Citation (search report)

- [A] US 2006141898 A1 20060629 - PETELL MICHAEL C [US]
- [A] US 5444607 A 19950822 - DREYFUSS RAYMOND [US]
- [A] WO 2008030138 A2 20080313 - BULATOV ALEXANDER GRIGORIEVICH [RU], et al
- [A] DE 102013107520 A1 20150122 - FRAUNHOFER GES FORSCHUNG [DE]
- [A] JP 2000188001 A 20000704 - HIYOSHI ELECTRIC
- [A] JP 2010135181 A 20100617 - SHARP KK

Cited by
IT202000015343A1; US11287103B2; WO2022110551A1; WO2021260672A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3450835 A1 20190306; FR 3070475 A1 20190301; FR 3070475 B1 20200925

DOCDB simple family (application)
EP 18187599 A 20180806; FR 1758043 A 20170831