

Title (en)

LIGHTING SYSTEM WITH AIR-SUPPORTED STRUCTURE AND IMPROVED FORCED COOLING

Title (de)

BELEUCHTUNGSSYSTEM MIT LUFTGESTÜTZTER STRUKTUR UND VERBESSERTER ZWANGSKÜHLUNG

Title (fr)

SYSTÈME D'ÉCLAIRAGE À STRUCTURE GONFLABLE ET À REFROIDISSEMENT FORCÉ AMÉLIORÉ

Publication

**EP 4172533 A1 20230503 (EN)**

Application

**EP 21787028 A 20210806**

Priority

- IT 202000015343 A 20200625
- IT 202100021227 A 20210805
- IB 2021057265 W 20210806

Abstract (en)

[origin: WO2021260672A1] The invention concerns a lighting system comprising a bearing structure (2) in turn comprising an air-supported envelope (21), means (11) for blowing an inflating air flow (4) into said envelope (21) maintaining such a pressure as to guarantee its rigidity and stability, at least one lighting module (3) inside said envelope (21). Said lighting module (3) in turn comprises a heat sink (33) for the dissipation of heat and lighting bodies (31) mounted on said at least one heat sink (33). The system comprises two thermal switches set at different temperature values.

IPC 8 full level

**F21V 3/02** (2006.01); **F21V 25/10** (2006.01); **F21V 29/67** (2015.01); **F21V 29/76** (2015.01); **F21V 29/83** (2015.01); **F21Y 107/30** (2016.01); **F21Y 115/10** (2016.01)

CPC (source: EP)

**F21V 3/026** (2013.01); **F21V 25/10** (2013.01); **F21V 29/673** (2015.01); **F21V 29/763** (2015.01); **F21V 29/83** (2015.01); **F21V 29/71** (2015.01); **F21Y 2107/30** (2016.07); **F21Y 2115/10** (2016.07)

Citation (search report)

See references of WO 2021260672A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**WO 2021260672 A1 20211230**; EP 4172533 A1 20230503

DOCDB simple family (application)

**IB 2021057265 W 20210806**; EP 21787028 A 20210806