

Title (en)

A SHADING SYSTEM WITH ACTUATOR OVERLOAD PROTECTION

Title (de)

BESCHATTUNGSSYSTEM MIT AKTUATORÜBERLASTSCHUTZ

Title (fr)

SYSTÈME D'OMBRAGE AVEC PROTECTION CONTRE LES SURCHARGES D'ACTIONNEUR

Publication

**EP 4372171 A1 20240522 (EN)**

Application

**EP 22207809 A 20221116**

Priority

EP 22207809 A 20221116

Abstract (en)

A shading system (1) for covering an underlying space (2), comprising:- a housing (11);- a plurality of shading blades (12);- a coupling system arranged between the housing (11) and the plurality of shading blades (12), comprising:# a first rail (131) and a second rail (132); wherein each of the shading blades (12) is rotatably coupled to the first rail (131) and to the second rail (132);# a support assembly (134) comprising: ■ a casing (41) comprising a resilient member (410) at each of its opposite ends; and ■ a support element (42) fixedly coupled to the first rail (131) and configured to translate between the resilient members (410) from the casing (41);- an actuator (14) translating the first rail (131) and triggering a translation of the support elements (42) and a rotation of the shading blades (12).

IPC 8 full level

**E04B 7/16** (2006.01)

CPC (source: EP)

**E04B 7/163** (2013.01); **E04F 10/00** (2013.01); **E04F 10/10** (2013.01)

Citation (applicant)

- EP 3591136 A1 20200108 - HELIOS TRADING NV [BE]
- EP 3015618 A1 20160504 - GIBUS SPA [IT]

Citation (search report)

- [AD] EP 3591136 A1 20200108 - HELIOS TRADING NV [BE]
- [AD] EP 3015618 A1 20160504 - GIBUS SPA [IT]
- [A] EP 3913161 A1 20211124 - GIBUS SPA [IT]
- [A] EP 3913163 A1 20211124 - GIBUS SPA [IT]
- [A] WO 2020074451 A1 20200416 - TENDER SRL [IT]
- [A] US 10094122 B1 20181009 - AKBULUT CEM [TR]
- [A] EP 3859095 A1 20210804 - WEINOR GMBH & CO KG [DE]
- [A] DE 2623359 A1 19770113 - HOKOSHO ELECTRIC COMM
- [A] US 3002555 A 19611003 - SIMON GOLDFARB
- [A] CN 108487680 A 20180904 - SHAOXING KUAIQING TRADING CO LTD
- [A] JP S5831335 U 19830301

Designated contracting state (EPC)

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Designated extension state (EPC)

BA

Designated validation state (EPC)

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DOCDB simple family (publication)

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