

Title (en)

CANOPY WITH A CENTER-DRIVEN LONG LOUVER OPENING AND CLOSING STRUCTURE

Title (de)

VORDACH MIT EINER MITTIG ANGETRIEBENEN ÖFFNUNGS- UND SCHLIESSSTRUKTUR MIT LANGEN LÜFTUNGSLAMELLEN

Title (fr)

AUVENT AVEC UNE STRUCTURE D'OUVERTURE ET DE FERMETURE À PERSIENNES LONGUES À COMMANDE CENTRALE

Publication

EP 3929373 A1 20211229 (EN)

Application

EP 21178651 A 20210609

Priority

CN 202010517040 A 20200609

Abstract (en)

The invention pertains to the field of outdoor supplies and specifically relates to a tent with a center-driven long louver canopy opening and closing structure. The tent comprises a tent frame, a louver board set, linkage bars, a louver transmission mechanism, a transmission rod and a driving mechanism. The tent frame comprises two first ring beams and a middle beam. The louver board set comprises a set of louver boards arranged in a row. Two ends of each louver board are mounted and fit with the two first ring beams through first mounting components. The middle part of each louver board is mounted and fit with the middle beam through a set of provided second mounting components. The mounting components include louver board fixing seats and louver board rotating parts. The beneficial effects of the invention are as follows: the driving mechanism of the tent with a center-driven long louver canopy opening and closing structure is mounted on the middle beam and drives the louver transmission mechanism on both sides through the a transmission rod to realize the opening and closing of the louver boards, which can avoid distortion of the louver boards; the louver board fixing seats in the invention are snap-fit and assembled with the first ring beams and the middle beam, which simplifies the assembly method of the louver boards and reduces labor costs and material costs.

IPC 8 full level

E04F 10/10 (2006.01)

CPC (source: CN EP)

E04F 10/10 (2013.01 - CN EP)

Citation (search report)

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