

Title (en)  
Covering tent with foldable tunnel structure

Title (de)  
Abdeckzelt mit faltbarer Tunnelstruktur

Title (fr)  
Tente de recouvrement avec structure de tunnel pliable

Publication  
**EP 2385191 A1 20111109 (EN)**

Application  
**EP 11165053 A 20110506**

Priority  
IT MI20100809 A 20100506

Abstract (en)  
A camping tent is disclosed, of the type comprising a sup-poring skeleton framework, which forms a tunnel-like structure, consisting of a plurality of arcades (1-4,1a-4a,1b-4b,1c-4c) which develop in parallel vertical planes, consisting of a plurality of arcade bars (6-10,6a-10a,6b-10b,6c-10c), mutually connected by arcade hinge means (11-13,13a) provided with locking portions, and of arcade-spacing elements, consisting of a plurality of connecting half-bars, oriented parallel to the tunnel axis and running between each pair of adjacent arcades, at least a cover canvas being associated with said skeleton, wherein the connecting half-bars are hinged one to the other by one end and are joined to the arcades by their other ends, through articulated hinge means provided with locking portions, and the arcade hinge means allow a rotation around an axis parallel to the longitudinal tunnel axis and at least part of the articulated hinge means allow a rotation around an axis perpendicular to the plane defined by a pair of adjacent arcade bars.

IPC 8 full level  
**E04H 15/48** (2006.01)

CPC (source: EP US)  
**E04H 15/48** (2013.01 - EP US)

Citation (applicant)  
• US 5361794 A 19941108 - BRADY REX W [US]  
• US 2799286 A 19570716 - NORDMEYER EDWIN E  
• US 2960992 A 19601122 - KLIPFEL HAROLD H  
• US 4077418 A 19780307 - COHEN WILFRED  
• US 2005217713 A1 20051006 - CHU WAN-SING [CN], et al

Citation (search report)  
• [XY] US 4077418 A 19780307 - COHEN WILFRED  
• [X] US 2960992 A 19601122 - KLIPFEL HAROLD H  
• [X] US 2005217713 A1 20051006 - CHU WAN-SING [CN], et al  
• [X] US 5361794 A 19941108 - BRADY REX W [US]  
• [YA] US 2006180190 A1 20060817 - JU DONG S [KR]  
• [A] CA 2548670 A1 20071027 - CHOI KWAN-JUN [KR]  
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• [A] US 5069238 A 19911203 - MARKS LLOYD A [US]  
• [Y] US 2799286 A 19570716 - NORDMEYER EDWIN E  
• [Y] US 2225972 A 19401224 - BROGREN ERIK R  
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ES2627037A1; FR3013374A1; US9834954B2; WO2015075367A1

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