

Title (en)  
INFLATABLE SELF-ERECTING TENT

Title (de)  
AUFBLASBARES SELBSTBAUZELT

Title (fr)  
TENTE AUTODEPLIABLE GONFLABLE

Publication  
**EP 1177358 A1 20020206 (EN)**

Application  
**EP 00918642 A 20000420**

Priority  
• CA 0000428 W 20000420  
• US 13054999 P 19990422

Abstract (en)  
[origin: WO0065177A1] One or more inflatable tubes are used to support a self-erecting tent. If two or more tubes then they may have at least one cross over criss-crossed in the manner of conventional domed tent poles. The tube or tubes are secured or releasably secured to the tent so that the tent is self-erecting as the tube or tubes are inflated. When two or more tubes are employed, the tubes may be connected by an auxiliary tube so that forcing pressurized air into one tube results in all tubes inflating simultaneously. The ends of the tubes are self-sealing so as to accommodate relatively high air pressure within the tube, in the order of 20-30 pounds per square inch inflated pressure, thereby providing a significantly rigid structure from which the tent is suspended.

IPC 1-7  
**E04H 15/20**

IPC 8 full level  
**E04H 15/20** (2006.01)

CPC (source: EP)  
**E04H 15/20** (2013.01); **E04H 2015/201** (2013.01); **E04H 2015/206** (2013.01)

Citation (search report)  
See references of WO 0065177A1

Citation (third parties)  
Third party :  
• GB 837094 A 19600609 - FRANKENSTEIN & SONS MANCHESTER, et al  
• US 4538311 A 19850903 - HALL CHARLES P [US], et al

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 0065177 A1 20001102**; AU 3953000 A 20001110; AU 774781 B2 20040708; EP 1177358 A1 20020206; JP 2002543309 A 20021217

DOCDB simple family (application)  
**CA 0000428 W 20000420**; AU 3953000 A 20000420; EP 00918642 A 20000420; JP 2000613901 A 20000420