

Title (en)  
Supporting structure for uprights

Title (de)  
Tragkonstruktion für Vertikalständer

Title (fr)  
Structure porteuse pour des montants

Publication  
**EP 1559853 A1 20050803 (EN)**

Application  
**EP 04021537 A 20040910**

Priority  
IT TO20040006 U 20040129

Abstract (en)  
A supporting structure for uprights such as shafts for sunshades, supports for nets for games such as volleyball, beach volley, and the like comprises a base (2) having a generally flattened shape, which can rest firmly on the ground (S). The base (2) can be fitted to the bottom end of at least one supporting upright (M). The structure further comprises a bag (3), such as for example a bag made of plastic material, which can be selectively filled with a ballast material, such as water. The bag (3) filled with the ballast can be placed on the base (2) so as to press it against the ground (S), thus maintaining the upright (M) in an erect position. <IMAGE>

IPC 1-7  
**E04H 12/22**

IPC 8 full level  
**E04H 12/22** (2006.01)

CPC (source: EP)  
**E04H 12/2246** (2013.01)

Citation (search report)  
• [XA] US 3794279 A 19740226 - KRAMER H  
• [XA] EP 0818594 A1 19980114 - HELDENS RONALD STEFANUS [NL]  
• [A] US 4486016 A 19841204 - RUBIN HERBERT [US]  
• [A] US 5779215 A 19980714 - DEMASI DOUGLAS D [US]  
• [A] DE 10020988 A1 20010111 - BERGMANN KONRAD [DE]

Cited by  
US2016311506A1; GB2494430A; CN113906250A; EP1925763A3; US10011985B2; WO2017100093A1; WO2020244707A1

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