

Title (en)

Structure for supporting light outdoor coverings.

Title (de)

Trägerstruktur für Leichtabdeckungen im Freien.

Title (fr)

Structure de support des couvertures légères à l'extérieur.

Publication

EP 0467867 A1 19920122 (EN)

Application

EP 91830317 A 19910718

Priority

IT 487390 U 19900719

Abstract (en)

In a structure to support light coverings for outdoors there are piers 3 are joined, at the bottom, to support feet 4 and disposed on the vertices of a base polygon while a plurality of lateral crosspieces 6 connect the piers 3 at the top. The crosspieces consist of profiled elements which define a longitudinal race 25, into which ringbolts 29 are slideably assembled and locked to fasten a covering cloth 2. Beams 7 are assembled so as to converg in pyramidal form and to insert into a ridge central joint 8 placed at the top. Lastly there are corner joints 5 inserted at the top of the piers 3 to joint a beam 7 and a pair of adjacent lateral crosspieces 6 and means 36 associated with said central joint 8, to fasten and stretch the covering cloth 2. <IMAGE>

IPC 1-7

E04H 15/18; **E04H 15/32**; **E04H 15/42**; **E04H 15/58**

IPC 8 full level

E04H 15/32 (2006.01); **E04H 15/42** (2006.01); **E04H 15/58** (2006.01)

CPC (source: EP)

E04H 15/322 (2013.01); **E04H 15/42** (2013.01); **E04H 15/58** (2013.01)

Citation (search report)

- [A] US 2137625 A 19381122 - NORVELL DAVIE W
- [A] NL 8006627 A 19820701 - HUNTER DOUGLAS IND BV
- [A] FR 474275 A 19150216 - RENE PUJOL [FR]
- [A] DE 3332902 A1 19850321 - HOECKER STAHLBAU KG KARL [DE]
- [A] DE 2500285 A1 19760708 - BRUECHER FRITZ
- [A] GB 2162220 A 19860129 - BOYCE NORMAN ASHLEY
- [A] DE 2713157 A1 19781005 - HOECKER STAHLBAU KG KARL

Cited by

EP2789764A1; US2012305042A1; AU692135B3; CN100436743C; FR2753473A1; ITPD20130086A1; DE102004047864B4; FR2758583A1; JP2017020247A; EP0783066A1; FR2701053A1; FR2702805A1; ES2121484A1; CN103122725A; FR2825398A1; US2011259383A1; US9297178B2; US8863443B2; US11551654B2; US11620974B2; EP2284332A2

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

EP 0467867 A1 19920122; IT 221269 Z2 19940222; IT 9004873 U1 19920120; IT 9004873 V0 19900719

DOCDB simple family (application)

EP 91830317 A 19910718; IT 487390 U 19900719