

Title (en)

Upright and modular support assembly using same

Title (de)

Ständer und eine modulare Trägervorrichtung mit solch einem Ständer

Title (fr)

Element vertical et support modulaire comportant un tel élément

Publication

EP 1308111 A1 20030507 (EN)

Application

EP 02257498 A 20021029

Priority

IL 14625301 A 20011031

Abstract (en)

Upright (100) for a modular support assembly where the upright is a linear member having a polygonal cross-section defining a plurality of mutually adjacent faces. Each face resides in a plane so as to define elongate corner portions, each portion having one or more indentations formed along the length of the member. The upright also includes retaining structures (110) formed around the one or more indentations, the structures positioned generally transverse to the long axis of the upright, and defining recesses in the one or more indentations. The recesses thus formed receive and retain insertable engagement means (330) extending from the rear surface (350) of horizontal support members. The faces of the upright form a quasi-corrugated perimeter which more easily support compressional forces. The faces also form a backing for the recesses resisting torques generated by loads on the horizontal support members. A modular support assembly using these uprights is also discussed. <IMAGE>

IPC 1-7

A47B 57/42

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XY] US 4711420 A 19871208 - COWLER DAVID J W [GB], et al
- [Y] EP 0572447 A1 19931208 - E Z RECT MFG [CA]
- [A] EP 0495837 A1 19920729 - CONCEPT INTERIOR AS [DK]
- [AP] DE 10108616 A1 20020912 - ABF TECHNIK & SERVICE GMBH & C [DE]

Cited by

EP1736075A1

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