

New type of cable tray patent



Overview

The patented Space-Tray Aerial Cable Tray system marks a new era in the management of small diameter cables (typically up to 36mm) for LV power, telecom, and cable TV applications, and can also accommodate larger systems. The present invention relates to a cable tray for carrying cables and of the type that is made of wire material with a number of lateral U-bent wires and longitudinal wires fastened thereto, so that the U-bent wires form a bottom and a first and a second side wall for the cable tray, and where the. The present invention relates a cable tray unit and a cable tray system. The cable tray unit comprises a bottom tray, a top tray and lock fastening assemblies, wherein the bottom tray has a bottom and two lower sidewalls extending from two opposite sides of the bottom toward a top; the top tray has. This page includes the patent name, patent number, legal status, invention/applicant, technical efficacy and accompanying drawings of Cable tray-related invention patents and utility model patents, which can be searched for their Cable tray-related patent result data, and can also be analyzed for. A cable tray includes a pair of opposed side rails. Each of the pair of side rails includes an upper flange and a lower flange. The web portion includes an outer side and an inner side and a plurality of. (57) The present invention relates to a cable tray section which allows being successively coupled to another tray section (1) having similar features, without needing accessories or angle requirements on the horizontal plane, comprising longitudinal metal wires (10); U-shaped transverse metal. The tray (22) and the support arm (24) cooperatively de-fine a cable routing pathway (208) that extends through a pivot axis (A1) defined by the tray and the support arm.

Article Content

EGC compliant wire mesh cable tray system

Generally, a cable tray system is a rigid structural support system used to securely and mechanically support cables and wires across open spans. One type of cable tray is a wire mesh cable tray.

CABLE TRAY SECTION

The present invention relates to the electrical field, and more specifically to devices or apparatus for installing and supporting electrical lines, particularly by means of wire cable

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A cable tray (11) for under desk storage of electric cables (13) is disclosed. The tray takes the form of a container (41) and a pair of elongate tray supports (15), the upper end of which is attached to the

SECTION OF CABLE TRAY

SECTION OF CABLE TRAY - Patent 2733803 Different models of joining are known to make up this kind of wire mesh trays. The anchorage systems for the successive tray

IEEE 525-2007_accepted

IEEE-SA Standards Board Abstract: The design, installation, and protection of wire and cable systems in substations are covered in this guide, with the objective of minimizing cable failures and their

Types of Cable Trays: Ladder, Perforated, Basket, Solid

Explore all types of cable trays—ladder, perforated, basket, solid, and channel. Learn their uses, materials, pros, cons, and key differences.

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Innovative Cable Tray Designs for Modern

As infrastructure advances, cable tray systems play a crucial role in efficient cable management. By adopting innovative designs and materials and

Cable Tray Systems — Ladder, Ventilated, Aluminum

Snap Track, TechLine Mfg.'s innovative ventilated channel type cable tray, is a UL Classified product with patented push-pin assembly, and is an excellent choice

Cables Connectors Adapters Patch Panels Wall Plates Racks

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CABLE TRAY

CABLE TRAY - Patent 3462556 The object of the invention can be achieved by a cable tray of the kind indicated in the introduction, which is peculiar in that cable fastening means in

EP0723102A2

A cable tray support system supports a plurality of cables and conduits therein. Cable tray support system includes a pair of longitudinally extending transversely spaced rails (12,14) and a plurality of

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DK178644 B9relates to a cable tray for carrying cables and hoses of the type that is made of wire material with a number of lateral U-bent wires and longitudinal wires fastened thereto, thus forming a

Cascading cable tray system with pre-fabricated support structure

A cascading cable tray system is mounted on a pre-fabricated support structure suspended from the ceiling of an Internet co-location facility. The cable trays are segregated by

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Cable Tray Institute

The Cable Tray Institute (CTI) was founded in 1991 to support the cable tray industry by engaging in research, development, education, and the dissemination of

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Various embodiments of the present disclosure are directed to cable trays for carrying cables. In one such embodiment, a cable tray made of wire material is disclosed with a number of...

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Cable Tray Technical Guide A practical guide to product selection and ...

SOLID-BOTTOM CABLE TRAY Providing additional cable protection, solid-bottom cable tray is sometimes preferred to support and protect numerous small instrumentation and control cables.

MULTI-POSITIONABLE TELECOMMUNICATIONS TRAY

Con-ventional telecommunications panels include hinges that are designed to allow a tray to be rotated out of the tel-ecommunications panel. By rotating the tray out of the telecommunications panel,

Cable tray patented technology retrieval search results

PatSnap Eureka AI that helps you search prior art, draft patents, and assess FTO risks, powered by patent and scientific literature data. In the electrical wiring of buildings, a cable tray system is used to

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A barrier strip for a cable tray of the type including longitudinal wires and lateral wires interconnecting the longitudinal wires includes a vertical wall extending along a length of the barrier

WO/2025/112108 CABLE TRAY UNIT AND CABLE TRAY SYSTEM

While meeting the requirements for safe electric power operation, the cable tray unit also enables explosive force generated when a cable explodes to be limited within a tray.

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CABLE TRAY SECTION

Cable tray section (1) according to claim 1, characterized in that it additionally comprises at least one additional anchoring element (50), located on the horizontal plane of the lower wall of the

U.S. Patent Application for Cable Tray Patent Application (Application ...

The present disclosure relates to systems and devices for supporting cables, in particular, cable trays for supporting electrical and other types of conduits.

Space-Tray — Space-Tray® Aerial Cable Trays™

The patented Space-Tray Aerial Cable Tray system marks a new era in the management of small diameter cables (typically up to 36mm) for LV power,

WO2015144227A1

One object of the invention is to provide a new type of one piece cable tray a further object is to provide such a new type of cable tray having approximately the same physical properties such as "wire"

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