

What is the appearance patent for cable trays



AI Overview

An appearance patent for a cable tray protects the ornamental design or visual look of the tray, rather than its functional or structural features. Definition and Scope An appearance patent, also known as a design patent in the United States, covers the visual and aesthetic aspects of a product. For cable trays, this could include the shape, contour, surface pattern, or overall ornamental configuration that makes the tray visually distinctive. Unlike utility patents, which protect how a cable tray functions or is constructed (e.g., wire arrangements, U-bent supports, or tilting mechanisms), a design patent does not protect the technical performance of the tray. Examples of Features Covered For cable trays, an appearance patent might protect: The overall shape of the tray, such as a rectangular, U-shaped, or curved profile. Side wall and bottom configurations, including decorative bends or patterns. Surface textures or perforation patterns that are ornamental rather than functional. Integration with desk or wall mounts in a visually distinctive way, such as a tiltable under-desk tray with a unique contour. Distinction from Utility Patents Utility patents (e.g., US20220069556A1) protect functional innovations, such as wire arrangements, cable stacking methods, or mechanisms for tilting and sliding the tray. Appearance patents protect only the look of the tray, not how it works. For example, a tray with a unique curved side wall could be protected even if the internal cable support mechanism is standard. Legal and Practical Implications Filing a design patent allows the owner to prevent others from making, selling, or importing trays with a substantially similar appearance, even if the internal structure differs. Design patents are often used in combination with utility patents to protect both the function and the visual design of cable trays. The patent application typically includes drawings or ph...

Article Content

CABLE TRAY SECTION

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

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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U.S. Patent Application for CABLE TRAY Patent Application

This is normally achieved by means of a grommet lining a hole in the desktop and through which the electric cables pass. These electric cables extend into a cable tray which is rigidly secured to the

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7 Best Cable Management Solutions for Office Desks

Tame your office desk chaos with the best cable management solutions—under-desk trays, retractable racks, and clamp-on nets that hide

U.S. Patent for Cable tray assembly Patent (Patent # 12,300,984

The present disclosure generally relates to cable tray assemblies, and more particularly to cable tray assemblies including cable trays, connectors and splice plates.

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Top 10 Cable Management Tools for DIY and Hacks

Top 10 Cable Management Tools for DIY and Hacks In today's world, wires and cables are an essential part of every home and workplace. Effective

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Fiber Cable Trays with Cover, Size-8-inch x 3-inch For Datacenter

Datasheet Quick Overview Fiber Cable Trays with Cover, Size-8-inch x 3-inch Fiber cable trays are designed to protect and route fiber optic patch cords, multi-fiber cable assemblies, and interfascity

CE Certification Premium Ladder Cable Tray from China Suppliers

Premium ladder cable trays from top Chinese suppliers ensure high-quality manufacturing and optimal cable management for your projects. Buy now for durability and efficiency!

What Is a US Appearance Patent?

A U.S. appearance patent, commonly known as a design patent, protects the ornamental design of functional items. This article explores the

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

US20220069556A1

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...

Cable Tray Fitting Accessories

Cable tray fittings and accessories play a crucial role in the seamless installation of a comprehensive cable management system. They enable functions such as

CABLE TRAY

Hereby can be achieved that cables or hoses are fixed in a cable tray by means of the bent wire sections.

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US20230030047A1

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...

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