

Title (en)

Strain relief device and method of use.

Title (de)

Kabel Zugentlastungsvorrichtung und ihre Verwendung.

Title (fr)

Dispositif d'atténuation de câble et méthode d'utilisation.

Publication

**EP 0631345 A1 19941228 (EN)**

Application

**EP 94109754 A 19940623**

Priority

US 8304393 A 19930624

Abstract (en)

A strain relief device using a pair of posts within a housing with a wire cable routed around the posts so that one portion of the wire cable presses back on to another portion and presses it against one of the posts as a pulling force is applied to the cable. The wire cable is cinched against one of the posts. As the pulling force increases, the cinching action increases proportionately. The strain relief is low profile and has a height approximately the equal to the diameter of the wire cable. <IMAGE>

IPC 1-7

**H01R 13/585**

IPC 8 full level

**H05K 7/00** (2006.01); **H01R 13/585** (2006.01)

CPC (source: EP)

**H01R 13/585** (2013.01)

Citation (search report)

- [A] FR 1006090 A 19520418
- [A] DE 450673 C 19271008 - DREEFS ERNST
- [A] GB 2223132 A 19900328 - HAYES DEREK
- [A] ANONYM: "Self-Tightening Cable Strain Relief Device", RESEARCH DISCLOSURE, no. 339, July 1992 (1992-07-01), HAVANT GB, XP000316052

Cited by

EP0865183A3

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0631345 A1 19941228**; CA 2125836 A1 19941225; JP H0722761 A 19950124; TW 221317 B 19940221

DOCDB simple family (application)

**EP 94109754 A 19940623**; CA 2125836 A 19940614; JP 14342594 A 19940624; TW 82105090 A 19930626