

Patents and Utility Models

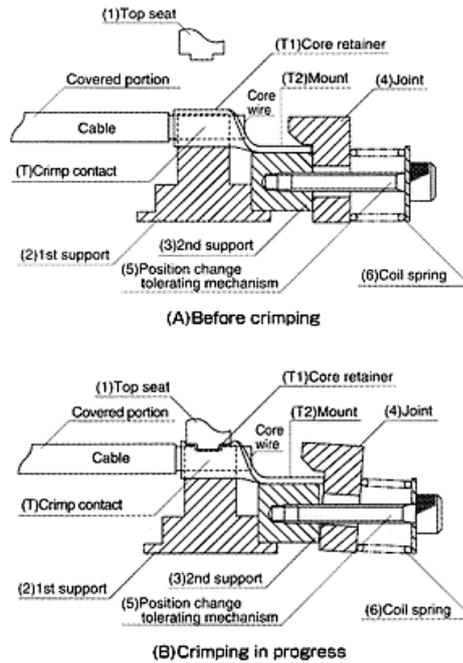
Patents registered in 1999

Registration Number	Title	Inventors
2918810	Electronic component cooling apparatus	Nobumasa Kodama, Jiro Watanabe
2923416	Uninterruptible power supply	Kenzo Kojima, NTT Co.,Ltd. etc. (joint ownership)
2956372	Uninterruptible power supply	Yoshihiro Sekino
2977478	Crimping device	Akito Sato, Atsushi Handa
U.S. Patent 5,879,141	Air fan and air fan for cooling electronic component	Shinjiro Yokozawa, Nobumasa Kodama, Toshiki Ogawara
U.S. Patent 5,910,694	Electronic component cooling apparatus	Shinjiro Yokozawa, Nobumasa Kodama, Toshiki Ogawara, Yuichi Kodaira, Michinori Watanabe

Patent Overview

Name of the invention: Crimping device

Patent number: 2977487



Composition of the invention

The crimping device in this invention consists of a base mold that supports a crimp contact (T), 1st support (2), which supports the core retainer (T1) of crimp contact (T) and 2nd support (3) which supports the mount (T2) of the crimp contact (T). The 2nd support (3) has joint structures (4 through 6) which position the mount (T2). The position change tolerating mechanism (5) retains the joint member (4) at a specified position where it engages with the mount (T2). At the time of crimping, it maintains the joint of the mount (T2) and the joint member (4) and tolerates the extension of the mount (T2).

Effects of the invention

This invention enables a crimp contact (T) to be crimped at the correct crimping position without allowing the core retainer (T1) of the crimp contact (T) to deviate from the contact position with the top seat (1).

This invention also changes the position of the joint member (4) in such a manner as to tolerate the extension of the mount (T2), so that it prevents the deformation of the

mount (T2) when crimping the contact (T).

This invention also retains the positioning of the crimping part of the contact mechanically, thus eliminating the risk of catching a hand or finger and eliminating the process of visual positioning, so that crimping can be conducted accurately, speedily and safely.
