

Title (en)  
TERMINAL MOUNTING STRUCTURE AND METHOD

Title (de)  
ANSCHLUSSANBRINGSTRUKTUR UND VERFAHREN

Title (fr)  
STRUCTURE ET PROCÉDÉ DE MONTAGE D'UNE BORNE

Publication  
**EP 2340587 A1 20110706 (EN)**

Application  
**EP 09814919 A 20090123**

Priority  
• US 2009031879 W 20090123  
• JP 2008236868 A 20080916

Abstract (en)  
[origin: WO2010033259A1] To provide a terminal mounting structure, the electrical continuation and the joining strength of which are sufficiently high although the structure is simple, further the reliability of which is high even when it is used over a long period of time and to provide a terminal mounting method therefor. A terminal (3) is connected and continued to a conductor (2) such as a heating wire provided on a substrate (1). Terminal (3) includes: a fixing portion (31); elastic portions (32) extending from fixing portion (31); and a substrate contact portion (33) provided in elastic portion (32) so that substrate contact portion (33) can be protruded with respect to substrate (1), and electrically connected to conductor (2). Each fixing portion (31) is made to adhere to substrate (1) by a joining means such as a double-sided adhesive tape (4). Substrate contact portion (33) of terminal (3) is made to adhere to substrate (1) by adhesive (5) under the condition that substrate contact portion (33) comes into contact with conductor (2) by a repulsive force generated by an elastic displacement of elastic portion (32).

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Citation (search report)  
See references of WO 2010033259A1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
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