

Title (en)
Connecting arrangement.

Title (de)
Verbindungsanordnung.

Title (fr)
Dispositif d'assemblage.

Publication
EP 0172575 A2 19860226 (DE)

Application
EP 85110536 A 19850822

Priority
DE 3430962 A 19840823

Abstract (en)
1. Connection arrangement, in which good heat-conducting parts (30; 52, 55; 51, 56; 108) are connected together by at least one connection element (1; 53, 54; 57, 58; 80; 126) of badly heat-conducting material and in which this connection element (1; 53, 54; 57, 58; 80; 126) has at least one recess, in which a projection (37, 116) of a good heat-conducting part (30; 52, 55; 51, 56; 108) engages, such that this projection (37, 116) of the good heat-conducting part (30; 52, 55; 51, 56; 108) is connected with an element (38', 119), which can be bent relatively to the projection (37, 116), and in which the connection element (1; 53, 54; 57, 58; 80; 126) of badly heat-conducting material has an oblique surface (41) in the recess (124), which at least partially faces the projection (37) as well as the bendable element (38', 119) of the part (36, 42) from good heat conducting material, characterized in that the good heat-conducting part (30; 52, 55; 51, 56; 108) has a bendable extension (35; 70; 73; 74; 77; 113) on a side surface, which carries a hammer-shaped projection (37, 116) projecting into the recess (124), as well as an element having the form of a step actually lying in the prolongation of the extension (35), that the step-like element (38'; 119) has grooving (23; 138) on its side opposite to the inclined surface (41) and that this grooving (23; 138), when the bendable element (38', 119) is pressed in the direction of the recess (114) where the projection (37, 116) is, is pressed into the slope of the oblique surface (41), and that the outer surfaces (42; 113) of the bendable extension (35) in the pressed-in condition, is flush with the corresponding outer surface (8).

Abstract (de)
Die Erfindung betrifft eine Verbindungsanordnung, bei der gut wärmeleitende Teile (108) durch mindestens ein Verbindungselement (126) aus schlecht wärmeleitendem Material miteinander verbunden werden können. Das Verbindungselement (126) weist hierbei mindestens eine Aussparung (124) auf, in die ein Vorsprung (116) eines gut wärmeleitenden Teils (108) engreift. Der Vorsprung (116) des gut wärmeleitenden Teils (108) steht mit einem Teil (119) in Verbindung, der relativ zu dem Vorsprung (116) verbiegbar ist. Durch diese besondere Ausbildung der miteinander zu verbindenden Teile wird eine sehr stabile Verbindung erreicht, die auch durch starke äußere Kräfte nicht gelöst werden kann.

IPC 1-7
E06B 3/26; **F16S 3/02**

IPC 8 full level
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CPC (source: EP)
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