

Title (en)

SUPPORTING DEVICE FOR TWO CONNECTOR ELEMENTS RESPECTIVELY LINKED TO TWO LOOSELY ASSEMBLED BASES, CAPABLE TO PRESENT RECIPROCAL POSITIONING GAPS, AND CONNECTION DEVICE USING SUCH A SUPPORTING DEVICE

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Application

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Priority

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Abstract (en)

[origin: US4842537A] A device is provided for supporting two electric connector elements (3, 11), associated respectively with two bases (1, 9) which can be mechanically assembled together in a removable way, these bases being likely to show mutual positioning discrepancies (shift and/or slant) at the time when they are assembled or separated as well as variable mutual positioning discrepancies (spacing and/or slant) in their assembled position at least in their zones supporting the two connector elements comprising: a first support (2) supporting a connector element (3) and fixed without play on a base (1); a second support (10) supporting the other connector element (11) and fixed to the other base (9) which is movable with respect to the base (1); and mechanical control means (4-8, 12-15) provided on the two supports and adapted for providing automatically correct coupling of the two connector elements and locking of this coupling when the two bases are assembled together, then mechanical separation of the second connector element and the second base so as to allow the breathing movements of the bases and, on the other hand, the uncoupling of the two connector elements at the time of mechanical separation of the two bases.

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