Claims

1. A compensator arrangement comprising:

- a first fixing unit (10),
- a second fixing unit (20), and
- a flexible intermediate member (30) detachably arranged between the first fixing unit (10) and the second fixing unit (20) and including a main body (33), a first radial end flange (31) and a second radial end flange (32),
- wherein the first fixing unit (10) comprises a first connecting member (11) having a first connecting body (11a) and a first fixing flange (11b) having a plurality of through-holes (11c), a first counter ring (12), a first clamping ring (13) and a first clamping device (14) for releasably clamping the first radial end flange (31), the first clamping device (14) comprising bolts (15) and elongated recesses (13a) for receiving the bolts,
- the second fixing unit (20) comprises a second connecting member (21) comprising a connecting body (21a) and a second fixing flange (21b) having a plurality of through-holes (21c), a second counter ring (22), a second clamping ring (23) and a second clamping device (24) for releasably clamping the second radial end flange (32), the second clamping device (24) comprising bolts (15) and elongated recesses for receiving the bolts,
- wherein the first end flange (31) of the flexible intermediate member (30) is fluid-tightly clamped between the first fixing flange (11b) of the first connecting member (11) and the first counter-ring (12),
- wherein the second end flange (32) of the flexible intermediate member (30) is fluid-tightly clamped between the second fixing flange (21b) of the second connecting member (21) and the second counter-ring (22), and
- wherein the elongated recesses (13a) comprise ramps (13b) which are inclined towards a radial plane.

2. The compensator arrangement according to claim 1, wherein the bolts (15) comprise a head (15a).

3. The compensator arrangement according to one of the preceding claims, wherein the flexible intermediate member (30) is made of a flexible plastic material.

4. The compensator arrangement according to one of the preceding claims, wherein the bolts (15) are arranged on the first counter ring (12) and on the second counter ring (22).

5. The compensator arrangement according to one of the preceding claims, wherein the bolts (15) are threaded bolts (15c).

6. The compensator arrangement according to claim 1, wherein the ramps (13b) are laterally arranged on the elongated recesses (13a).

7. The compensator arrangement according to one of the preceding claims, wherein the elongated recesses (13a) are arcuate or rectilinear.

8. The compensator arrangement according to one of the preceding claims, further comprising indicator means (4) for determining a predetermined end position of first and second fixing units (10, 20) in an assembled state.

9. The compensator arrangement according to one of the preceding claims, wherein the first connecting member (11) comprises a circumferential axial projection (5) projecting in an axial direction (X-X) on an inner side of the fixing flange (11b), wherein the flexible intermediate member (30) is clamped between the circumferential axial projection (5) and an inner edge (12b) of the first counter ring (12) in a mounted state.

10. The compensator arrangement according to one of the preceding claims, the first and/or second connecting body (11a, 21a) comprising a cylindrical cross-section or a polygonal, especially a square, cross-section.