CLAIMS

1. Mechanical seal arrangement, comprising:
   - a rotating slide ring (2) and a stationary slide ring (3), which delimit a sealing gap (4) in between them,
   - wherein the rotating slide ring (2) has a radially inward facing ledge (20) with a contact surface (21),
   - a bellows element (10) for refitting the rotating slide ring (2) in an axial direction (X-X) of the mechanical seal arrangement, and
   - a release protection device (5) for the rotating slide ring (2),
   - wherein the release protection device (5) comprises an inner sleeve (6) with a radially outward facing web (60), which restricts a movement of the rotating slide ring (2) in the axial direction (X-X) towards the stationary slide ring (3), and
   - wherein the rotating slide ring (2) is arranged on the inner sleeve (6) so as to be freely movable in the axial direction (X-X).

2. Arrangement according to claim 1, wherein the outward facing web (60) is in direct contact with the contact surface (21) of the rotating slide ring (2).

3. Arrangement according to claim 1, wherein a spring element (15) is arranged between the web (60) and the contact surface (21) of the rotating slide ring (2).

4. Arrangement according to one of the preceding claims, wherein the contact surface (21) is aligned to be perpendicular to the axial direction (X-X).

5. Arrangement according to one of the preceding claims, further comprising an outer sleeve (7) that is connected to the inner sleeve (6).

6. Arrangement according to claim 5, wherein a connection between the outer sleeve (7) and the inner sleeve (6) is provided as a welded connection (18).

7. Arrangement according to claim 5, wherein a connection between the outer sleeve (7) and the inner sleeve (6) is embodied as a snap-in connection (16).

8. Arrangement according to one of the preceding claims, further comprising a pin (9) for transferring a torque from the outer sleeve (7) to the rotating slide ring (2).

9. Arrangement according to one of the preceding claims, wherein the bellows element (10) is fixedly connected to the outer sleeve (7).

10. Arrangement according to one of the preceding claims, wherein a contact seal (17) is provided between the outer sleeve (7) and the rotating slide ring (2).

11. Arrangement according to one of the preceding claims, wherein a slide surface (22) of the rotating slide ring (2) has a diamond coating.