CLAIMS

1. A detaching device for detaching an O-ring seal positioned between two tubular elements, comprising:
- at least two discs, each having a first face, a second face and a tapered edge;
- a support for holding the discs in such a way that their first faces are coplanar and that each disc is free to rotate freely about its axis of rotation;
the tapered edges of the discs being intended to be inserted at least partially between the seal and a tubular element.

2. The detaching device according to the preceding claim, comprising at least three discs which are arranged in such a way that the edges of the discs describe an arc of a circle the radius of curvature of which is substantially equal to the radius of curvature of the seal.

3. The detaching device according to one of the preceding claims, wherein the support comprises attachment means for holding the discs, the said means comprising a screw and spacer system coaxial with the axis of rotation of each disc.

4. The detaching device according to one of the preceding claims, wherein the support and the discs are made of a plastics material such as polyoxymethylene (POM), polytetrafluoroethylene (PTFE), polyvinylidene fluoride (PVDF), polyetheretherketone (PEEK), or TORLON®.

5. The detaching device according to one of the preceding claims, wherein the first face is planar and intended to be in contact with a tubular element, and the second face has a frustoconical profile and is intended to be in contact with the O-ring seal.

6. The detaching device according to one of the preceding claims, wherein the edge of each of the discs has a profile that makes an angle of between 10° and 25°, preferably 15°.