

ABSTRACT

To reliably retain a tube body with a simple structure irrespective of radial contraction and deformation of the tube body while preventing scratches on the outer surface of the tube body.

Even if a clip body 2 is moved along an outer surface A1 of a tube body A into which a nipple 1 is inserted, a distal end face 41d of a flexed part 41 does not collide with the outer surface A1 of the tube body A. While being kept radially expanded and deformed by an operation part 3, the clip body 2 is moved toward a locking flange 12 of the nipple 1 and, after the flexed part 41 of the hook 4 climbs over the locking flange 12 in an axial direction, the clip body 2 is released from the radial expansion by the operation part 3. As a result, the clip body 2 is elastically and radially contracted and deformed, and the distal end face 41d of the flexed part 41 enters an engaging groove 13 of the nipple 1 through the use of the radial contraction and deformation. At the same time, the flexed part 41 engages with the locking flange 12 in the axial direction to be immovable. Thereafter, even if the tube body A is radially contracted and deformed according to biting of the clip body 2 into the outer surface A1 of the tube body A and aged deterioration, the flexed part 41 moves in a radial direction inner side along the locking flange 12 and an engaged state of the flexed part 41 and the locking flange 12 is maintained.

SELECTED DRAWING Fig. 1