

ABSTRACT

PROTECTIVE DEVICE FOR A SYRINGE NEEDLE TUBE

The invention relates to a protective device (1) for a needle tube (2) of a syringe, the protective device including a base (3); and a cover (4) connected to the base (3), wherein the cover (4) is pivotably supported at the base (3), so that the cover (4) is transferable relative to the base (3) within a pivot plane (8) from a starting position in a first pivot direction into an operating position, and eventually in a second pivot direction opposite to the first pivot direction into a protective position, wherein the cover (4) includes a retaining device (9) in an interior space (6), wherein the retaining device is configured to interlock the needle tube (2) by positive form locking during transfer of the cover (4) into the protective position.

In order to provide a protective device that is easily applicable to a needle carrier in an automated manner while providing a high level of safety against unintentional exit of the needle tube from the cover after being used for injection it is proposed according to the invention that the retaining device (9) includes a deformable lobe (10), a stop (11) associated with the lobe (10) and at least one guide element (12, 13), wherein the stop (11) is configured so that the lobe (10) can contact a contact surface (34) of the stop (11), wherein the guide element (12, 13) is associated with the stop (11) and configured to guide the needle tube (2).

[FIG. 1]