FIG. 1 shows a device for detachably fastening a current conductor 1 to a current transformer housing 2 using a retaining element 3 and/or using a fastening element 4. To this end, the retaining element 3 is guided through a receiving element 5, which can be detachably fastened to the current transformer housing 2. The receiving element 5 can be latchingly engaged with the current transformer housing 2 by way of a detent means, which is not shown. As an alternative, when the current conductor 1 is fastened to the current transformer housing 2, the receiving element 5 can also be pressed against the current transformer housing 2 by the retaining element 3 or the fastening element 4, so that no additional fastening means is required for fastening the receiving element 5 to the current transformer housing 2.

As is apparent from FIG. 2, for example, the fastening element 4 designed as a screw is guided through the retaining element 3 so that the screw 4 can be rotated in a thread 6 designed as nut in a rotatory manner about the longitudinal axis thereof, so as to fasten the current conductor 1 on the current transformer housing 2.

The retaining element 3 can be rotated in a rotatory manner about the longitudinal axis thereof in the receiving element 5 so that, in a first rotational position, the retaining element 3 can be displaced in a translatory manner along the longitudinal axis thereof so as to fasten or release the current conductor 1, and in a second rotational position, the retaining element 3 cannot be displaced in a translatory manner along the longitudinal axis thereof. For this purpose, both the receiving element 5 and the retaining element 3 comprise a tongue-and-groove-like surface 7, which engage with each other in the second rotational position, so that the retaining element 3 cannot be displaced in a translatory manner relative to the receiving element ~~3.~~ 5.

Claims

1. A device for detachably fastening a current conductor (1) to a current transformer housing (2), comprising the current transformer housing (2), a retaining element (3) that is guided through the current transformer housing (2), and a fastening element (4) that is guided through the retaining element (3), wherein

when the current conductor (1) is fastened to the device, the fastening element (4) and/or the retaining element (3) are seated against at least some regions of the surface of the current conductor (1) ~~when the current conductor (1) is fastened to the device,~~ for fixing the current conductor (1) in an opening of the current transformer housing (2),

the fastening element (4) can be rotated in a rotatory manner about the longitudinal axis thereof so as to fasten or detach the current conductor (1), and

the retaining element (3) can be rotated in a rotatory manner about the longitudinal axis thereof so that the retaining element (3), in a first rotational position, can be displaced in a translatory manner along the longitudinal axis thereof so as to fasten or release the current conductor (1), and in a second rotational position, the retaining element (3) cannot be displaced along the current transformer housing (2) in a translatory manner along ~~the~~ its longitudinal axis ~~thereof~~.

2. The device according to the preceding claim, wherein, in a second region (8) extending in the longitudinal axis of the retaining element (3), the current transformer housing (2) and the retaining element (3) comprise tongue-and-groove-like surfaces (7), respectively, that engages with each other and the second region (8) corresponds to the second rotational position.

3. A device according to any one of the preceding claims, wherein, in a first region (9) extending in the longitudinal axis of the retaining element (3), the current transformer housing (2) and/or the