Padlock protector

Technical field

The invention relates to a padlock protector.

Prior art

It is known that a padlock and also its shackle can be protected with a separate case and shackle protector. WO 8707669 discloses a known padlock protector. US 4226100 discloses another known padlock protector. The purpose of these protectors is to protect the padlock from water. Additionally, the protectors dampen the noise, which can be created if the padlock rattles against the object to be locked, such as a door. In both publications, the shackle can be protected with a rubber hose, which is threaded around the shackle.

Therefore, known solutions efficiently protect the padlock from water and other outside factors, such as dust. Padlock protectors are, however, difficult to place onto the padlock.

Brief description of the invention

Embodiments of the invention obviate the disadvantages of known art.

Embodiments of the invention are based on the idea that the padlock itself withstands outside conditions quite well, wherein a padlock protector does not need to be, for example, waterproof. The protector can be formed for the purpose of a partial protection. A padlock protector according to embodiments of the invention protects the shackle of the padlock such that it is not free to come into direct contact with its corresponding parts to be locked. In this way, corrosion of the shackle is very effectively prevented.

A padlock protector according to an aspect of the invention comprises a shackle, protector which is composed from two parts. The parts are to be placed to the opposite sides of the shackle, and they are formed into the shape of the loop and surface of the shackle. The side edges of the parts are formed like the edges of a jigsaw puzzle. The jigsaw puzzle edges of the parts are arranged to fit against each other.

List of figures

In the following, the invention is described in more detail by means of the accompanying figures, in which

Fig. 1 shows an example of a padlock protector according to the invention,

Fig. 2 shows the example of Fig. 1 as installed on the padlock,

Fig. 3 shows another example of a padlock protector according to the invention, and

Fig. 4 shows the example of Fig. 3 as installed on the padlock.

Description of the invention

Fig. 1 shows an example of a padlock protector according to the invention. The padlock protector comprises a shackle protector composed from two parts 1A, 1B. The parts are to be placed to the opposite sides of the shackle 2. The parts are formed into the shape of the loop and surface of the shackle 2A. The shackle is a U-shaped loop in shape, which together with the body 3 of the padlock 8 forms a closed loop. As can be seen from the figure, the side edges 4A, 4B, 4C, 4D of the parts are jigsaw puzzle edges in their shape.

The jigsaw puzzle edges of the parts 1A, 1B fit against each other. Additionally, the parts are manufactured from a suitably flexible material, such as from a plastic suitable for the purpose. When the parts are placed from the opposite sides of the shackle 2 against each other, the jigsaw puzzle edges 4A, 4B, 4C, 4D flex such that the parts settle against the surface 2A of the shackle and the edges go against each other. The outer surfaces 40 of the parts are therefore curved, and they curve according to the