

## **A ROPE STORAGE UNIT, A METHOD FOR INSTALLING ELEVATOR AND A METHOD FOR FABRICATING ROPE STORAGE UNIT**

### **Abstract**

The invention relates to a rope storage unit (1), comprising a rope reel (2), formed by a rope (3,3',3'',3''') wound in a spiral form; and a support body (4) provided with an inner space (5) inside which the rope reel (2) is positioned supported by the support body (4). The rope (3,3',3'',3''') is a rod having a straight form when in rest state and elastically bendable away from the straight form, the rope (3,3',3'',3''') being under substantial bending tension in said spiral form, and in that the support body (4) comprises one or more support members (6) delimiting said inner space (5) and surrounding radially said rope reel (4), the outer rim of the rope reel (2) radially compressing against said one or more support members (6) as an effect of said bending tension. The invention also relates to a method for installing an elevator rope implementing said rope storage unit, as well as to a method for fabricating said rope storage unit.

Figure 1