CLAIMS

1. A rope for a hoisting device, which rope is belt-shaped and comprises several parallel load bearing members spaced apart in the width direction of the belt-shaped rope and embedded in a common coating, each of the load bearing members comprising several load bearing strings twisted together, **characterized in that** the load bearing strings are made of composite material comprising reinforcing fibers embedded in polymer matrix, and **in that** one or more of said load bearing members has at least one at least substantially flat outer side face covered by said coating with at least substantially constant material thickness.

2. A rope according to claim 1, **characterized in that** one or more of said load bearing members has at least one at least substantially flat outer side face extending in width direction of the belt-shaped rope.

3. A rope according to any of the preceding claims, **characterized in that** one or more of said load bearing members has at least substantially rectangular or triangular or pentagonal or hexagonal cross-sectional shape.

4. A rope according to any of the preceding claims, **characterized in that** one or more of said load bearing members has at least substantially quadratic cross-sectional shape.

5. A rope according to any of the preceding claims, **characterized in that** the rope has a contoured side surface provided with grooves oriented in the longitudinal direction of the rope, including grooves positioned in width direction of the rope centrally between adjacent load bearing members.

6. A rope according to any of the preceding claims, **characterized in that** the rope has a contoured side surface provided with grooves oriented in the longitudinal direction of the rope, including grooves of a first depth positioned in width direction of the rope centrally between adjacent load bearing members and grooves of a second depth positioned in width direction of the rope at the point of a load bearing member, the second depth being smaller than the first depth.

7. A rope according to any of the preceding claims, **characterized in that** said reinforcing fibers are parallel with the longitudinal direction of the load bearing string.

8. A rope according to any of the preceding claims, **characterized in that** said load bearing strings include load bearing strings, which are twisted around a center string.

9. A rope according to claim 8, **characterized in that** the center string is parallel with the longitudinal direction of the load bearing member.

10. A rope according to any of the preceding claims, **characterized in that** said reinforcing fibers are carbon fibers.

11. A rope according to any of the preceding claims, **characterized in that** said coating is made of elastomeric material, such as silicon or substantially silicon-based material or polyurethane or substantially polyurethane-based material.

12. A rope according to claim 8, **characterized in that** at least one layer of said load bearing strings surrounds the center string the innermost layer leaning against the center string, each load bearing string of said layer preferably having a wedge shaped cross section tapering towards the center string.

13. A rope according to claim 12, **characterized in that** the load bearing strings of said at least one layer are in helical formation around said center string.

14. An elevator comprising a vertically movable elevator car and a roping suspending the car, the roping comprising at least one rope, **characterized in that** the roping comprises at least one rope as defined in any of the preceding claims 1-13.