Claims

1. A method for forming a guide structure in an elevator shaft,
the guide structure being configured to guide an elevator car during vertical travel of the car in the elevator shaft,
the method comprising the steps of:
moving a tool vertically along the elevator shaft while the tool is in a predetermined horizontal position within the elevator shaft, and
forming the guide structure by removing material on a shaft wall of the elevator shaft using the tool during the vertical movement of the tool along the elevator shaft.

2. The method according to claim 1 including automatically performing the moving of the tool and positioning of the tool in the predetermined horizontal position.

3. The method according to claim 1 wherein the tool has a milling head and a groove is produced vertically along the shaft wall by removing the material using the milling head.

4. The method according to claim 3 wherein the milling head has a milling disc and the material is milled out of the shaft wall by milling disc.

5. The method according to claim 1 including a convex structure projecting from the shaft wall into an interior of the elevator shaft, and wherein the guide structure is formed by removing the material from the convex structure by using the tool.

6. The method according to claim 5 including forming the convex structure on the shaft wall during formation of the shaft wall.

7. The method according to claim 6 wherein the convex structure is integrated with the shaft wall.

8. The method according to claim 5 including adding the convex structure to the shaft wall by attachment.

9. The method according to claim 8 including gluing the convex structure to the shaft wall.

10. The method according to claim 8 including screwing the convex structure to the shaft wall.

11. The method according to claim 1 including applying a plastics layer to a running surface formed on the guide structure.

12. The method according to claim 1 including positioning the tool in the predetermined horizontal position within the elevator shaft relative to a vertical reference line provided in the elevator shaft.

13. The method according to claim 12 wherein the reference line is a plumb line provided in the elevator shaft.