

LIFT FOR TRANSPORTING A LOAD BY MEANS OF A MOVABLE TRACTION MEANS

Abstract

The device for transporting a load comprises a movable traction means (50) connected with the load. A section of the traction means (50) is brought into contact with at least one roller (40) in order to guide the traction means. The roller comprises a coating (42) and a carrier (41) of the coating, wherein the traction means (50) can be brought into contact with the coating (42). A coefficient of friction for contact between the traction means (50) and the coating (42) is less than the corresponding coefficient of friction for contact between the traction means (50) and the carrier (41). The coating (42) reduces or avoids, on movement of the traction means (50) relative to the roller (40), torsion of the traction means (50) about the longitudinal direction thereof and/or deformation of the traction means (50) transversely to the direction of movement, particularly in the case of movement of the traction means (50) obliquely with respect to the longitudinal direction thereof, and reduces the sensitivity of the traction means (50) relative to wear, particularly for the case that the traction means (50) is under a diagonal tension.

(Fig. 3)