

Title (en)

DRIVE DEVICE OF A SELF-PROPELLED ROPEWAY CARRIAGE

Title (de)

ANTRIEBSEINRICHTUNG EINES SELBSTFAHRENDEN SEILBAHNWAGENS

Title (fr)

DISPOSITIF D'ENTRAINEMENT D'UN CHARIOT AUTOMOTEUR DE TELEPHERIQUE

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Application

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Abstract (en)

[origin: WO2006102690A1] The invention relates to a drive device pertaining to an automotive ropeway carriage. Said drive device comprises drive chains (9, 10), on both sides of the vertical plane (8) containing the track rope (6), said drive chains rotating about chain wheels (13, 14) with horizontal rotational axes (15, 16) and carrying clamping units (31) with friction linings (35) for applying to the track rope (6), and adjusting rails (36, 37) arranged on opposite sides of the track rope (6). During the rotation of the drive chains (9, 10), said clamping units (31) are guided through a respective gap (38, 39) between the track rope (6) and one of the adjusting rails (36, 37). To this end, the friction linings (35) of the clamping units (31) are pressed against the track rope (6) by rollers (33) rolling on running surfaces (40, 41). Each adjusting rail (36, 37) is mounted by a spring device (46) against clamping units (31) respectively located in the gap (38, 39) between said adjusting rails (36, 37) and the track rope (6). The rollers (33) are rotatably mounted on the clamping units (31). The adjusting rails (36, 37) comprise running surfaces (40, 41) on which the rollers (33) of the clamping units (31) roll in order to press the friction linings (35) of the clamping units (31) against the track rope (6).

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