

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

Publication

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Application

EP 06704690 A 20060208

Priority

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- AT 5512005 A 20050401

Abstract (en)

[origin: US7650842B2] A driving system of a self-driving cableway car includes on both sides of a vertical plane (8), in which the bearing cable (6) is located, driving chains (9, 10) that revolve about chain sprocket wheels (13, 14) with horizontal rotational axes (15, 16). The driving chains carry clamping units (31) with friction linings (35) for contacting the bearing cable (1), and lead rails (36, 37) disposed on opposite sides of the bearing cable. The clamping units (31) are guided during the revolution of the driving chains (9, 10) through a particular interspace (38, 39) between the bearing cable (6) and one of the lead rails (36, 37), and the friction linings (35) of the clamping units (31) are pressed onto the bearing cable (6) by rollers (33) rolling out on running faces (40, 41). Also, a particular lead rail (36, 37) is preloaded by a spring device (46) against clamping units (31) located in the interspace (38, 39) between this lead rail (36, 37) and the bearing cable (6). The rollers (33) are rotatably supported on the clamping units (31). The lead rails (36, 37) have the running faces (40, 41) on which roll out the rollers (33) of the clamping units (31) for pressing the friction linings (35) of the clamping units (31) onto the bearing cable (6).

IPC 8 full level

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