

Title (en)
Driving system for cableway installations of the type including carrying cables and hauling cables

Title (de)
Antriebsvorrichtung für Bauarten von Seilschwebbahnen mit Trag- und Zugseilen

Title (fr)
Dispositif de propulsion pour téléphériques ayant des câbles porteurs et des câbles tracteurs

Publication
EP 0692418 A1 19960117 (EN)

Application
EP 95201878 A 19950708

Priority
IT BZ940042 A 19940714

Abstract (en)
A driving system for cableway installations comprises at least one pathway along which a respective car (4; 4, 4') moves, and a pair of parallel carrying cables (1; 1, 1') on which a carriage (5) of the car (4; 4, 4') moves slidably. The carrying cables (1; 1, 1') are located at opposite sides of the car (4; 4, 4'), at a reciprocal distance greater than the width of the car (4; 4, 4'). On the carriage (5) of the car (4; 4, 4'), in a position symmetrical with and in the proximity of the sides of the carriage (5), there are two pairs of freely rotatable compensation pulleys (11a, 12a, 11b, 12b). For each pathway there is a first section of hauling cable (6A; 60A, 60B) and a second section of hauling cable (6B; 60A', 60B'); the first section of hauling cable (6A; 60A, 60B) comprises two parallel branches (6a, 6b; 60a, 60b, 60c, 60d) extending from a first station (2) to the car (4; 4, 4') and located at a reciprocal distance greater than the width of the car (4; 4, 4'), and the second section of hauling cable (6B; 60A', 60B') comprises two parallel branches (6c, 6d; 60a', 60b', 60c', 60d') extending from a second station (3) to the car (4; 4, 4') and located at a reciprocal distance greater than the width of the car (4; 4, 4'). The first section of hauling cable (6A; 60A, 60B) is wound on the first pair of compensation pulleys (11a, 12a), and the second section of hauling cable (6B; 60A', 60B') is wound on the second pair of compensation pulleys (11b, 12b). <MATH>

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• [A] DE 2510671 A1 19760923 - BAYERISCHE ZUGSPITZBAHN AG
• [A] US 4473011 A 19840925 - WUSCHEK MANFRED [DE]
• [A] EP 0282418 A1 19880914 - POMAGALSKI SA [FR]
• [A] EP 0263035 A1 19880406 - POMAGALSKI SA [FR]

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