

Title (en)
CABLE CAR WITH TWO CARRIER AND TRACTION CABLES

Publication
EP 0093680 B1 19860129 (FR)

Application
EP 83420072 A 19830427

Priority
FR 8207606 A 19820428

Abstract (en)
[origin: EP0093680A1] 1. Overhead cable transport installation, namely a gondola lift with gondolas (24) coupled in line to two parallel continuous motion suspension/haulage cables (10, 12), by means of a suspension bar (46) hanging in the vertical plane equidistant of the two cables and articulated on a carriage (48) fitted with at least one pair of detachable grips (50-56) intended to connect the carriage (48) to the two cables in line and to disconnect the gondola (24) inside the terminals by detachment of the grips (50-56), so as to allow for embarkation and disembarkation of the passengers at null or reduced speed, characterized by the fact that every grip (50-56) has a body (63) that rests on the upper face of the cable (10, 12) in closed position of the grip and protrudes slightly upwards, and a pair of jaws (60, 62) protruding downwards from said body (63) and opening in downwards direction to clamp the sides of the cable, the end of the jaws coming level with, or protruding slightly lower than the lower face of the cable, in order to facilitate passing over or under the cable support rollers (42), and that inside the terminals (14, 15) guide rollers (92) deviate said cables so as to modify their clearance to each other and so to allow for passage of the carriage (48) disconnected from the cables from a position above the cable towards a lower position, or inversely.

IPC 1-7
B61B 7/04; B61B 12/12

IPC 8 full level
B61B 7/04 (2006.01); **B61B 12/10** (2006.01); **B61B 12/12** (2006.01)

CPC (source: EP)
B61B 7/045 (2013.01); **B61B 12/10** (2013.01); **B61B 12/12** (2013.01)

Cited by
EP1719682A1; FR2564814A1; FR2548614A1; FR2695897A1; FR2582372A1; FR2548615A1; US4563955A; FR2565917A1; FR2575985A1; EP0184476A1; US4691642A; EP0243223A1; FR2596003A1; EP0192504A1; FR2575986A1; CN101941440A; EP0187552A1; US4742777A; FR2564403A1; EP0140756A1; FR2591173A1; EP0230814A1; CN110217245A; EP0282418A1; FR2612144A1; EP0200640A1; FR2581015A1; FR2569643A1; EP0248782A3; DE3712941A1; FR2603011A1; US4802416A; AT385247B

Designated contracting state (EPC)
AT CH DE FR IT LI

DOCDB simple family (publication)
EP 0093680 A1 19831109; EP 0093680 B1 19860129; AT E17690 T1 19860215; DE 3361984 D1 19860313; FR 2525981 A1 19831104; FR 2525981 B1 19850607

DOCDB simple family (application)
EP 83420072 A 19830427; AT 83420072 T 19830427; DE 3361984 T 19830427; FR 8207606 A 19820428