

Title (en)

Transport system for transferring persons and method for securing a transport system for transferring persons

Title (de)

Transportsystem zum Transport von Personen und Verfahren zur Sicherung eines Transportsystems zum Transport von Personen

Title (fr)

Système de transport pour transférer des personnes et procédé de sécurisation d'un tel système

Publication

EP 3012168 A1 20160427 (EN)

Application

EP 14199742 A 20141222

Priority

- EP 14189096 A 20141015
- EP 14199742 A 20141222

Abstract (en)

The invention relates to a transport system for transferring persons, comprising: - a cable bridging a space, the cable extending from a first location to a second location; - at least one pulley, moveably arranged along the cable - a first sensor, for detecting passage of the pulley along the first sensor, wherein the first sensor is arranged along the cable between the first location and the second location; - a second sensor, for detecting passage of the pulley along the second sensor, wherein the second sensor is arranged along the cable between the second location and the first sensor; - blocking means for blocking passage of further pulleys past the blocking means in the locked position and for releasing passage in the unlocked position, wherein the blocking means are arranged along the cable between the first location and the first sensor; and - a controller, connected to the first sensor, the second sensor and the blocking means, wherein the blocking means are controlled to the locked position upon detection by the first sensor and are controlled to the unlocked position upon detection by the second sensor. The invention further relates to a method for securing a transport system for transferring persons.

IPC 8 full level

B61B 7/00 (2006.01); **A63G 21/20** (2006.01); **A63G 21/22** (2006.01); **B61B 12/06** (2006.01)

CPC (source: EP)

A63G 21/22 (2013.01); **B61B 7/00** (2013.01); **B61B 12/06** (2013.01)

Citation (search report)

- [A] EP 1972365 A2 20080924 - INNOVA PATENT GMBH [AT]
- [A] CA 2425529 A1 20030411 - WOBLEN ALOYS [DE]
- [A] EP 1026061 A2 20000809 - INNOVA PATENT GMBH [AT]
- [A] EP 1270053 A1 20030102 - PONDORFER WALTER [AT]

Cited by

CN110404272A; FR3093005A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3009321 A1 20160420; EP 3012168 A1 20160427; EP 3012168 B1 20170823

DOCDB simple family (application)

EP 14189096 A 20141015; EP 14199742 A 20141222