

Title (en)
Ropeway.

Title (de)
Seilförderanlage.

Title (fr)
Transporteur aérien.

Publication
EP 0433703 B1 19940119 (DE)

Application
EP 90122487 A 19901126

Priority
CH 459789 A 19891221

Abstract (en)
[origin: EP0433703A1] In the transfer sections 1 of a chairlift having a circulating conveying rope 2, the deceleration and acceleration sections 4 and the exit and entrance sections 12 are provided with friction wheels 6 and 10 which together define a travel path 20 for the in-coming and out-going chair 50. The chairs 50 are supported on this travel path with in each case one U-shaped running rail 80 which is downwardly open and contains a concave friction surface 88. Each running rail 80 is rigidly connected to the running gear element of the associated chair. The friction wheels 6 and 10 which are constructed as wheels with pneumatic tyres have guide edges which interact with guide surfaces of the running rails and ensure that the chairs move in a straight line. <??>In the sections provided with the friction wheels, fixed travel rails for supporting the chairs are thus superfluous. The running gears of the latter can be of very compact design. (Fig. 1).

IPC 1-7
B61B 12/10

IPC 8 full level
B61B 12/02 (2006.01); **B61B 12/10** (2006.01)

CPC (source: EP US)
B61B 12/105 (2013.01 - EP US)

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

DOCDB simple family (publication)
EP 0433703 A1 19910626; EP 0433703 B1 19940119; AT E100385 T1 19940215; CA 2032241 A1 19910622; DE 59004333 D1 19940303; ES 2048393 T3 19940316; JP H04110268 A 19920410; US 5121695 A 19920616

DOCDB simple family (application)
EP 90122487 A 19901126; AT 90122487 T 19901126; CA 2032241 A 19901213; DE 59004333 T 19901126; ES 90122487 T 19901126; JP 40429390 A 19901220; US 62783090 A 19901217