

Title (en)

DEVICE FOR CONNECTING A BICYCLE TO A TRACTION CABLE, ESPECIALLY TO ENABLE SKI LIFTS TO HAUL BICYCLES OUTSIDE THE WINTER SEASON

Publication

EP 0182723 B1 19890705 (FR)

Application

EP 85402256 A 19851120

Priority

FR 8417879 A 19841123

Abstract (en)

[origin: US4681039A] A device for connecting a general traction cable and a bicycle, particularly applicable to ski-lifts, for hauling uphill bicycles or like machines, and in particular bicycles used for cross-country or off-the-highway cycling, outside the winter season. The device includes a towing part which is connected to the traction cable via an individual traction cable or individual traction bar. A towed part is connected to the bicycle and a safety device is provided for coupling the two towing and towed parts, with automatic connection by engagement of one of these two parts in the other. This coupling device includes, taking into account the effect of a tension regulator device, a disconnecting device operating on the towed part and releasing the cycle when the rider so desires and possibly in an automatic safety mode. The coupling device also includes an automatic disconnection device operating on the towing part and releasing the cycle when it deviates from the normal path or when it falls on the ground.

IPC 1-7

B61B 11/00

IPC 8 full level

B61B 11/00 (2006.01)

CPC (source: EP US)

B61B 11/004 (2013.01 - EP US); **B61B 11/006** (2013.01 - EP US); **Y10T 24/45644** (2015.01 - EP US); **Y10T 24/45702** (2015.01 - EP US)

Cited by

EP4005898A1; IT201800020050A1; EP0247268A1; FR2735739A1; AT524513A1; FR2693971A1; FR2592349A1; FR2667559A1; WO9700800A1; WO9401313A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0182723 A1 19860528; EP 0182723 B1 19890705; AT E44365 T1 19890715; DE 3571313 D1 19890810; ES 297100 U 19881001; ES 297100 Y 19890416; FR 2573713 A1 19860530; FR 2573713 B1 19880506; US 4681039 A 19870721

DOCDB simple family (application)

EP 85402256 A 19851120; AT 85402256 T 19851120; DE 3571313 T 19851120; ES 297100 U 19851122; FR 8417879 A 19841123; US 79979285 A 19851121