Title (en)

Cableway installation.

Title (de)

Seilbahnanlage.

Title (fr)

Installation de téléphérage.

Publication

EP 0381920 B1 19950308 (DE)

Application

EP 89890324 A 19891218

Priority

AT 26789 A 19890208

Abstract (en)

[origin: JPH02248502A] PURPOSE: To prevent breakage and noise by providing a permanent magnet inside a cable return disc rotatably provided to a column body and providing electromagnets around the outer circumference of a disc plate attached to the column body. CONSTITUTION: Cable return discs having guide grooves 21 engaged with a cable are rotatably provided to a column body 1 via bearings 25. At least, a set of electromagnets 24 or a permanent magnet 24' is arranged inside a flange 22 of the return disc 2. Disk plates 13 are attached to the column body 1, the electromagnets 14 are annularly arranged around the outer circumference of the disc plate 13, and the electromagnets 14 are connected to a feed and a control circuit via a control line 15. When the electromagnets 14 are energized in order, magnets 24, 24' are attracted or repelled so as to rotate the return disc 2.

IPC 1-7

B61B 12/10; B61B 12/02

IPC 8 full level

B61B 12/10 (2006.01); **B61B 7/04** (2006.01); **B61B 11/00** (2006.01); **B61B 12/02** (2006.01); **E01B 25/18** (2006.01)

CPC (source: EP US)

B61B 12/022 (2013.01 - EP US)

Designated contracting state (EPC)

AT CH DE ES FR IT LI SE

DOCDB simple family (publication)

EP 0381920 A2 19900816; **EP 0381920 A3 19910320**; **EP 0381920 B1 19950308**; AT 394168 B 19920210; AT A26789 A 19910815; AT E119479 T1 19950315; AU 4895590 A 19900816; AU 623486 B2 19920514; CA 2008691 A1 19900808; CA 2008691 C 19981124; CS 9000306 A2 19910716; CZ 284444 B6 19981111; DE 58909093 D1 19950413; ES 2070193 T3 19950601; FI 110590 B 20030228; FI 900595 A0 19900207; IN 172141 B 19930417; JP H02248502 A 19901004; JP H1157 U 19990409; KR 0160775 B1 19981201; KR 900012830 A 19900901; NO 171356 B 19921123; NO 171356 C 19930303; NO 900572 D0 19900206; NO 900572 L 19900809; NZ 232034 A 19920625; RU 2041097 C1 19950809; SE 9000198 D0 19900119; SE 9000198 L 19900809; SK 278821 B6 19980304; US 5024162 A 19910618

DOCDB simple family (application)

EP 89890324 A 19891218; AT 26789 A 19890208; AT 89890324 T 19891218; AU 4895590 A 19900201; CA 2008691 A 19900126; CS 30690 A 19900122; DE 58909093 T 19891218; ES 89890324 T 19891218; FI 900595 A 19900207; IN 349BO1989 A 19891220; JP 379598 U 19980601; JP 852290 A 19900119; KR 900001458 A 19900207; NO 900572 A 19900206; NZ 23203490 A 19900108; SE 9000198 A 19900119; SK 30690 A 19900122; SU 4742940 A 19900131; US 47445790 A 19900202