

Title (en)
Ropeway vehicle clamping device

Title (de)
Vorrichtung zum Ankuppeln eines Fahrbetriebsmittels

Title (fr)
Dispositif de serrage et d'accouplement de véhicule

Publication
EP 0621163 B1 19961009 (DE)

Application
EP 94890044 A 19940222

Priority
AT 64093 A 19930330

Abstract (en)
[origin: EP0621163A1] Device for clamping a ropeway vehicle, e.g. a cab or a chair, to the conveying cable or traction cable (5) of a ropeway system, consisting of a clamping element (1) which is provided with running rollers (13) and bears a rigidly attached first clamping jaw (15) and a second clamping jaw (25) which can be pivoted with respect to the first clamping jaw (15), the second clamping jaw (25) being located at one end of a two-armed clamping lever (23) at whose other end a control element, in particular a control roller (2), which interacts with control rails, is provided, and the clamping lever (23) being pivotable with respect to the clamping element (1) counter to the effect of at least one torsion spring (3), as a result of which the second clamping jaw (25) moves in the open position. A toggle lever joint (21, 22) is provided here between the clamping lever (23) and the torsion spring (3). <IMAGE>

IPC 1-7
B61B 12/12

IPC 8 full level
B61B 12/12 (2006.01)

IPC 8 main group level
F16G 11/00 (2006.01); **B65G 39/00** (2006.01)

CPC (source: EP KR US)
B61B 12/00 (2013.01 - KR); **B61B 12/122** (2013.01 - EP US)

Cited by
WO2014097204A1; AT16011U1; ITTO20121105A1; AT405389B; CN103496371A; EP0928731A1; US10723368B2; WO2017067731A1

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

DOCDB simple family (publication)
EP 0621163 A1 19941026; EP 0621163 B1 19961009; AT 404458 B 19981125; AT A64093 A 19980415; AT E143880 T1 19961015; AU 5901794 A 19941006; AU 666430 B2 19960208; CA 2120086 A1 19941001; CA 2120086 C 19990914; CN 1032523 C 19960814; CN 1099006 A 19950222; CZ 280374 B6 19960117; CZ 73394 A3 19941019; DE 59400792 D1 19961114; ES 2093509 T3 19961216; FI 941472 A0 19940330; FI 941472 A 19941001; JP 3016175 B2 20000306; JP H072094 A 19950106; KR 100224024 B1 19991015; KR 940021335 A 19941017; NO 941171 D0 19940329; NO 941171 L 19941003; NZ 260193 A 19950926; PL 173390 B1 19980227; SI 9400156 A 19941231; US 5452662 A 19950926

DOCDB simple family (application)
EP 94890044 A 19940222; AT 64093 A 19930330; AT 94890044 T 19940222; AU 5901794 A 19940323; CA 2120086 A 19940328; CN 94103911 A 19940329; CZ 73394 A 19940329; DE 59400792 T 19940222; ES 94890044 T 19940222; FI 941472 A 19940330; JP 8263094 A 19940330; KR 19940006254 A 19940328; NO 941171 A 19940329; NZ 26019394 A 19940328; PL 30271694 A 19940322; SI 9400156 A 19940330; US 21852494 A 19940328