

Title (en)  
CABLEWAY TRANSPORT INSTALLATION, ESPECIALLY A FUNICULAR TRACKWAY

Publication  
**EP 0249839 A3 19880323 (DE)**

Application  
**EP 87108227 A 19870606**

Priority  
CH 246886 A 19860617

Abstract (en)  
[origin: US4794864A] At each station of the overhead cable transport installation the vehicles which have been released or unclamped from the conveying cable are decelerated or accelerated by pneumatic wheels. Between the V-belt drive and the hub of each pneumatic wheel there is arranged a free-wheeling clutch or slip coupling equipped with a pre-biased restoring or return spring. The free-wheeling clutch transmits in one direction the torque or rotational moment from the V-belt drive to the pneumatic wheel without play. In the opposite direction such free-wheeling clutch rotates against the restoring moment of the pre-biased restoring spring. As a result there is eliminated the slip and the resultant wear of the pneumatic wheels upon the friction plate with which they come into contact during such time in which two neighboring pneumatic wheels engage with the friction plate.

IPC 1-7  
**B61B 12/10**; **B61B 12/02**; **B61B 3/00**

IPC 8 full level  
**B61B 3/00** (2006.01); **B61B 12/02** (2006.01); **B61B 12/10** (2006.01)

CPC (source: EP US)  
**B61B 12/022** (2013.01 - EP US)

Citation (search report)  
• [Y] DE 1505985 A1 19690814 - NEYRPIC ETS  
• [Y] DE 2162127 A1 19730620 - MERLIN GERIN GRENOBLE  
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