

Title (en)

Overhead transport with a low ecological impact

Title (de)

Hochbahn mit einer geringer Ökologischen Belastung

Title (fr)

Chemin de fer surélevé avec un impact écologique bas

Publication

**EP 0561095 B1 19960821 (EN)**

Application

**EP 92500174 A 19921231**

Priority

ES 9102912 A 19911231

Abstract (en)

[origin: EP0561095A2] This system of overhead transport consists essentially of a track with two rail-cables (2), horizontally placed, along which the motorised vehicles(1) run and are electrically powered. These cables are maintained statically parallel by cable-carrier shoes (5) attached to the ends of fixtures (21/28) hanging firmly from support arms (22) with support pillars (20) or from a third horizontalizing cable (25) supported in (24). The rail cables are drawn with hydraulic cylinders (51/55) from the pillars where a cable ends and another begins. To make the vehicle passing through them smoothly, the cable-carrier shoes begin in a slended way (50a) under every cable and go step by step widening and joining it until they form two horizontal planes (53) where the traction wheels (31) of the vehicle roll. This widening of the shoes also force the guide-arms (41) to open through the wheels (43). <IMAGE>

IPC 1-7

**B61B 7/06; B61C 13/06**

IPC 8 full level

**B61B 7/06** (2006.01)

CPC (source: EP)

**B61B 7/06** (2013.01)

Cited by

US8850988B2; WO2011161333A1; DE19627755C1; FR2961776A1; US5655457A; CN112193258A; CN113442952A; US5720225A; CN107972682A; EP0767095A4; ES2575737B1; US2013098260A1; CN112172950A; FR2959979A1; CN112208661A; CN114988034A; WO2009030117A1; WO2009053976A1

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