

Title (en)
OVERHEAD TRANSPORT WITH A LOW ECOLOGICAL IMPACT

Publication
EP 0561095 A3 19931006 (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)

Citation (search report)
• [X] EP 0130947 A1 19850109 - VEVEY ATEL CONST MEC [CH]
• [A] DE 2362865 A1 19750619 - GLASBRENNER ANDREAS

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

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0561095 A2 19930922; EP 0561095 A3 19931006; EP 0561095 B1 19960821; AT E141560 T1 19960915; DE 69212981 D1 19960926; DE 69212981 T2 19970327; DK 0561095 T3 19961209; ES 2073955 A1 19950816; ES 2073955 B1 19960301; GR 3021701 T3 19970228

DOCDB simple family (application)
EP 92500174 A 19921231; AT 92500174 T 19921231; DE 69212981 T 19921231; DK 92500174 T 19921231; ES 9102912 A 19911231; GR 960403094 T 19961119