

Title (en)  
Radio-controlled aerial cableway transport system.

Title (de)  
Funkgesteuertes Kabelbahn-Transportsystem.

Title (fr)  
Système de transport par câbles aériens commandé par radio.

Publication  
**EP 0274554 A1 19880720 (EN)**

Application  
**EP 87100353 A 19870114**

Priority  
EP 87100353 A 19870114

Abstract (en)  
Radio controlled aerial automatic transport system suspended to a cableway. It comprises: an aerial main cable, (1,118) suspended near a wood felling site; drive wheels (102-2) suspended to the aerial main cable (1); outer casings (7) coupled to the drive wheels (4); a power source (9) disposed in the outer casings (7); hoisting apparatuses (12-14) which are driven by the power source (9) and hoist the cables to hang up and down the object to be carried (18-19); a receiver (31), provided for the outer casings (7), for receiving the radio waves transmitted from a transmitter (32) and for generating control commands to drive the power source (9) and hoisting apparatuses (12-14) in response to the radio waves received; a rotary shaft which is attached to the outer casings and rotated by the power source (9); sub cables (104-1,104-2,104-3) suspended in parallel with the aerial main cable, (1,118) and two drive wheels, (102-1, 102-2) attached to the rotary shaft, for moving the carrying apparatus by operating the sub cableways. With this system, the total weight of the carrying apparatus (5) and object is applied to a plurality of portions of the cableways, so that the cut-away thereof is prevented and the object can be safely carried. The hanging and carrying works can be easily performed by the worker at a location away from the felling field by the radio control.

IPC 1-7  
**B61B 7/06**; **B66C 21/00**

IPC 8 full level  
**B61B 7/00** (2006.01); **B61B 7/06** (2006.01); **B61B 12/02** (2006.01); **B66C 21/00** (2006.01)

CPC (source: EP)  
**B61B 7/00** (2013.01); **B61B 7/06** (2013.01); **B61B 12/02** (2013.01); **B66C 21/00** (2013.01)

Citation (search report)  
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Designated contracting state (EPC)  
DE FR GB IT SE

DOCDB simple family (publication)  
**EP 0274554 A1 19880720**; **EP 0274554 B1 19901010**; DE 3765533 D1 19901115

DOCDB simple family (application)  
**EP 87100353 A 19870114**; DE 3765533 T 19870114