

Title (en)
RADIO-CONTROLLED AERIAL CABLEWAY TRANSPORT SYSTEM

Publication
EP 0274554 B1 19901010 (EN)

Application
EP 87100353 A 19870114

Priority
EP 87100353 A 19870114

Abstract (en)
[origin: EP0274554A1] 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.

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CPC (source: EP)
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Cited by
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