

Title (en)
Large span cable car.

Title (de)
Telekabine mit grosser Überspannung.

Title (fr)
Télécabine de grande portée.

Publication
EP 0119905 A1 19840926 (FR)

Application
EP 84400443 A 19840306

Priority
FR 8304707 A 19830321

Abstract (en)
[origin: EP0119905B1] 1. Gondola lift or cable car having a large span between two spaced towers (12, 14), the base (42, 44) of each tower (12, 14) being anchored to the ground and the head (38, 40) forming a support point of the cable (16) stretched between the two towers and following a predetermined catenary trajectory under the action of a tension device (32) and extending beyond these towers, characterized in that the towers (12, 14) lean towards one another to reduce the cable (16) span, the distance between the cable (16) support points (46) on the towers being smaller than the distance between the towers anchoring points (42, 44) to the ground, and the tower (12, 14) leaning angle being chosen so that the tower is appreciably perpendicular to said catenary trajectory at the cable (16) support point (46) on the tower.

Abstract (fr)
Les pylônes (12, 14) d'une installation de transport à câble aérien (16) sont inclinés l'un vers l'autre pour réduire leur hauteur. Des câbles (48) de haubanage maintiennent les pylônes (12, 14).

IPC 1-7
E01B 25/16

IPC 8 full level
B61B 12/02 (2006.01); **B61B 7/04** (2006.01); **E01B 25/16** (2006.01)

CPC (source: EP US)
E01B 25/16 (2013.01 - EP US)

Citation (search report)

- [A] FR 338583 A 19040528 - ROBERT COOKE SAYER [GB]
- [A] FR 1183070 A 19590702 - CENTINE & BLONDINS CRUCIANI
- [A] GB 255324 A 19260722 - ARTHUR HUGO MUELLER
- [A] US 2266522 A 19411216 - VOGEL LEO J
- [A] FR 699294 A 19310212
- [A] FR 860193 A 19410108

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US4953468A

Designated contracting state (EPC)
AT CH DE GB IT LI SE

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EP 0119905 A1 19840926; EP 0119905 B1 19870729; AT E28675 T1 19870815; CA 1232861 A 19880216; DE 3465121 D1 19870903; ES 286171 U 19860401; ES 286171 Y 19861116; FR 2543184 A1 19840928; FR 2543184 B1 19850802; JP S6037301 A 19850226; NO 158570 B 19880627; NO 158570 C 19881005; NO 841094 L 19840924; US 4953468 A 19900904

DOCDB simple family (application)
EP 84400443 A 19840306; AT 84400443 T 19840306; CA 449992 A 19840320; DE 3465121 T 19840306; ES 286171 U 19840315; FR 8304707 A 19830321; JP 5335984 A 19840319; NO 841094 A 19840320; US 82152786 A 19860124