

Title (en)
Aerial transport system with rails

Title (de)
Schwebebahn-Transportsystem mit Schienen

Title (fr)
Installation de transport aérien par rail

Publication
EP 0734930 B1 20000531 (FR)

Application
EP 96810165 A 19960315

Priority
CH 88795 A 19950329

Abstract (en)
[origin: EP0734930A1] The overhead transport rail (8) on which a bogie (10) with a suspended cabin (16) runs is supported by pylons (2). The rail is fixed in a carrying structure which is connected to the pylons by ties (6). The carrying structure comprises upper (3) and lower (4) beams connected by cross members (51-54). The bogie rail is fixed on the lower beam. The cabin is pulled by a cable and the ties support two parallel carrying structures (1). The carrying structure also has a safety rail (9), parallel to the bogie rail, fixed under the upper beam. The bogie is provided with rollers (12,13) and guide and safety rollers (14,15) and has a parachute braking system (11).

IPC 1-7
B61B 3/00; **B61B 9/00**

IPC 8 full level
B61B 3/00 (2006.01); **B61B 9/00** (2006.01)

CPC (source: EP)
B61B 3/00 (2013.01); **B61B 9/00** (2013.01)

Cited by
EP1598254A1; CN103010219A; CN110816556A

Designated contracting state (EPC)
AT DE FR IT

DOCDB simple family (publication)
EP 0734930 A1 19961002; **EP 0734930 B1 20000531**; AT E193498 T1 20000615; CH 690910 A5 20010228; DE 69608602 D1 20000706

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EP 96810165 A 19960315; AT 96810165 T 19960315; CH 88795 A 19950329; DE 69608602 T 19960315