

Title (en)

SUPPORTING RAIL ARRANGEMENT FOR A SUSPENDED RAILROAD OR THE LIKE

Publication

EP 0139915 B1 19870304 (DE)

Application

EP 84109272 A 19840804

Priority

DE 3329328 A 19830813

Abstract (en)

[origin: EP0139915A1] 1. Carrier rail arrangement for suspended railways, cranes or the like, having a self-supporting carrier rail (3) which may be assembled from several rail pieces, and connection, suspension and/or securing elements allocated to this rail, where the carrier rail (3) possesses a substantially I-shaped cross-sectional configuration with a hollow upper and hollow lower chord (7, 8) which are formed each as a tubular hollow body and carry the track surfaces for wheels of the suspended railway or crane vehicles and are connected with one another by a flat web (10) extending in the central plane (9) of the chords (7, 8), which web is provided with at least one row of holes extending in the longitudinal direction, to which retaining elements for current collectors, destination control elements or the like are anchored, characterised in that the retaining elements are pre-stressed spring straps (70, 80) which are hooked into corresponding holes (18) of the row of holes and supported against the web (10) and/or a chord (7, 8) and in that each spring strap (70, 80) comprises a widened back part (87) on which there is secured at least one retaining clip (68, 89) of substantially U-shaped cross-section for a live rail (32) or the like.

IPC 1-7

E01B 25/24; **B60M 7/00**

IPC 8 full level

B60M 7/00 (2006.01); **B61B 13/06** (2006.01); **B66C 7/02** (2006.01); **E01B 25/22** (2006.01); **E01B 25/24** (2006.01)

CPC (source: EP)

B66C 7/04 (2013.01); **B66C 13/14** (2013.01); **E01B 25/24** (2013.01)

Cited by

EP0318057A1; EP0218237A1; EP0699801A1; US5617796A; FR2658958A1; US8146507B2; WO2008058669A3; WO2013075784A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0139915 A1 19850508; **EP 0139915 B1 19870304**; AT E25719 T1 19870315; AT E26139 T1 19870415; CA 1203194 A 19860415; DE 3329328 A1 19850228; DE 3329328 C2 19850912; DE 3462528 D1 19870409; EP 0137153 A1 19850417; EP 0137153 B1 19870325; JP S6071492 A 19850423

DOCDB simple family (application)

EP 84109272 A 19840804; AT 84108390 T 19840717; AT 84109272 T 19840804; CA 460705 A 19840810; DE 3329328 A 19830813; DE 3462528 T 19840804; EP 84108390 A 19840717; JP 16916184 A 19840813