

Title (en)

Method for erecting a suspension bridge and device therefor.

Title (de)

Verfahren und Vorrichtung zum Herstellen einer Hängebrücke.

Title (fr)

Procédé et dispositif pour la construction d'un pont suspendu.

Publication

EP 0617171 A1 19940928 (EN)

Application

EP 93302386 A 19930326

Priority

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Abstract (en)

In a method for mounting prefabricated deck sections (5a, 5b, 5c) of a suspension bridge, deck sections are lifted consecutively to their respective final elevated position in which position hangers (3) depending from the suspension cables (2) are secured to the just lifted deck section and the latter is at least provisionally connected to the adjacent deck section previously mounted. The method comprises the following steps: <UL ST="-"> a lifting device platform (4) is secured to the hangers (3a, 3b) relating to the deck section (5a) to be lifted; the deck section (5a) to be lifted is elevated by means of lifting devices mounted on the lifting device platform (4); the hangers (3a, 3b) are secured to the deck section (5a) after it has been lifted into its entirely elevated position; the lifting device platform (4) is detached from the hangers (3a, 3b) of the deck section just mounted; the lifting device platform (4) is advanced to a position above the deck section to be lifted next adjacent to the deck section just mounted; the lifting device platform (4) is secured to the hangers relating to the deck section to be lifted next. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [AD] WO 9108344 A1 19910613 - OLSEN TORODD EEG [NO]
- [AD] FR 2580687 A1 19861024 - WIECZOREK JULIEN [FR]

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