

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 B1 19961120 (EN)

Application
EP 93302386 A 19930326

Priority
EP 93302386 A 19930326

Abstract (en)
[origin: EP0617171A1] 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
E01D 21/00; **E01D 11/00**

IPC 8 full level
E01D 2/00 (2006.01); **E01D 11/00** (2006.01); **E01D 11/02** (2006.01); **E01D 21/00** (2006.01)

CPC (source: EP)
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Cited by
CN111535185A; CN113202025A; CN108946499A; CN108643057A; CN108221639A; CN114214941A; CN110593111A; CN114837085A; CN101786577A; CN101914897A; CN112227214A; CN113152290A; CN107881923A; CN107022958A; CN109972494A; CN114351588A

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