

Title (en)

METHOD AND APPARATUS FOR ERECTING A CANTILEVERED SECTION OF A STRUCTURE, PARTICULARLY OF A BRIDGE DECK, USING PRECAST SEGMENTS, BY MEANS OF A CABLE-STAYED GIRDER

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Application

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Abstract (en)

[origin: CA1159608A] This invention relates to the extension of a portion of a deck using deck segments , by means of a cable stayed beam resting on a front hinged support and on a rear support. In a first phase, the overhanging segments are suspended from the beam in a manner known per se and the part 5a of the beam which is downstream of the front support 6 is maintained substantially steady . In a second phase, the segments are joined to said portion by producing a prestress accompanied by a progressive swinging movement by said rear part of the beam. This invention is used for the construction of the deck of a bridge. (Figure 6).

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