

Title (en)

PRESTRESSED CONCRETE STRUCTURE, METHOD OF CONSTRUCTING THE SAME AND ELEMENTS FOR CARRYING OUT THE METHOD

Publication

**EP 0053965 B1 19851121 (FR)**

Application

**EP 81401862 A 19811124**

Priority

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Abstract (en)

[origin: CA1176071A] This invention relates to a prestressed concrete structure which behaves like a hollowed out slab. The structure combines a lattice work structure and a prestress by external cable, maximally optimizing the advantages of these two techniques. The Figure represents a part of the floor of a bridge according to the present invention. The floor comprises to tables 6 and 7 which are joined by a lattice work composed of pyramids P. Prestressing cables 8, 8' and 9' pass between the tables outside the concrete of the bars of the pyramids. The present invention is used for the construction of bridges, roofings and floors. Figure 15

IPC 1-7

**E04B 1/19**; **E04C 2/34**; **E04C 2/50**; **E01D 7/02**; **E01D 19/12**; **E01D 21/00**

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CPC (source: EP US)

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Citation (examination)

TRAVAUX, no. 492, février 1976 PARIS (FR) J.L. BRAULT et al.: "Le Pont de Brotonne", pages 27-31

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