Title (en)

METHOD FOR PRODUCING AN INTEGRAL BRIDGE, AND INTEGRAL BRIDGE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER INTEGRALEN BRÜCKE UND INTEGRALE BRÜCKE

Title (fr)

PROCÉDÉ DE FABRICATION D'UN PONT INTÉGRAL ET PONT INTÉGRAL

Publication

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Application

EP 18752087 A 20180726

Priority

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Abstract (en)

[origin: WO2019036735A1] Method for producing an integral bridge (1), wherein a first arch (5) is produced in a first structural portion and at least a further arch is produced in at least one further structural portion, wherein each arch has at least one tie rod (10) which interconnects the foot points (6) of the arch, wherein a foot point of the arch is displaceably mounted, wherein each tie rod is so highly tensioned that the horizontal forces, which are caused by the intrinsic weight of the arch (5), at the foot points of the corresponding arch are taken up by the tie rod, and wherein a first end point (11) of the tie rod of a first arch is connected in a force-fitting manner to the first abutment (2), and a second end point (11) of the tie rod of a last arch is connected in a force-fitting manner to the second abutment (2), the remaining, in each case adjoining end points of the tie rods are connected to one another in a force-fitting manner, and the corresponding foot points of the arches are connected in a force-fitting manner to the abutments (2) and to the at least one pillar (4).

IPC 8 full level

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CPC (source: AT EP US)

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