

Title (en)

POSITIONING SYSTEM FOR A DISMOUNTABLE BRIDGE

Publication

EP 0256446 B1 19930421 (DE)

Application

EP 87111453 A 19870807

Priority

DE 3628273 A 19860820

Abstract (en)

[origin: EP0256446A2] In a positioning system for a dismountable bridge which comprises at least one vehicle (A) having a positioning device (8), and a plurality of interconnectable bridge parts (1, 2, 1', 2') which are designed to have an inverted U-shaped cross-section and are arranged displaceable for positioning in the longitudinal direction of the vehicle, and comprise two ramp sections (1, 1') and, if appropriate, at least one inner section (2, 2'), each of the sections being assigned a projecting support section which can be mounted displaceable therein, even relatively large bridge lengths can be positioned quickly and reliably using a relatively small positioning device (8) in that the bridge parts have guide rails (16) at the lower, mutually facing corners of their supports, into which guide rails rollers (15) arranged on the positioning device (8) engage, and in that a drive (23) which can be connected in an alternating manner with the bridge parts and the projecting support sections is provided. A bridge according to the invention is distinguished in that, for increasing the stability of the bridge, the projecting support (7) can be extended downwards as a lower restraint and, for this purpose, has at least one transverse link (10). <IMAGE>

[origin: EP0256446A2] The bridge laying system incorporates one or more vehicles with laying mechanisms. Bridge sections of inverted U-section and with parallel girders are joined together and pushed in the longitudinal direction of the vehicle. They include two ramps and a leading end supporting part, travelling on roller guides in the longitudinal direction. At the bridge section girder bottom corners, facing each other, are guide rails (16), in which rollers (15) on the laying mechanism (8) engage. A drive mechanism (23) is coupled alternately to the bridge sections and the support and the support part portions.

IPC 1-7

E01D 15/12

IPC 8 full level

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Cited by

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