

IMPROVED TEMPORARY BRIDGE

Abstract

The invention relates to a temporary bridge including two spans (1, 2), each comprising at least three bridge elements (3-5) to be stacked when the bridge is in a first so-called non-deployed position. Said bridge elements (3-5) are pivotably connected to one another, wherein two consecutive bridge elements (3-5) are connected to one another by at least two linking arms (7-9, 12, 13) mounted on the same side edge of said bridge elements (3-5). According to the invention, two consecutive linking arms (7-9, 12, 13) form a regular parallelogram with the two consecutive bridge elements connected by said arms, which can be deformed such that the movement of one bridge element relative to a bridge element immediately below in the stack of a span (1, 2) in said non-deployed position of said bridge causes the circular translation of said bridge element relative to said bridge element of said span immediately below. For at least one of said spans, at least one of the linking arms (8, 12, 13) is shared by three consecutive bridge elements. The bridge comprises a means for moving each bridge element (3, 4) stacked on another bridge element (4, 5) in the first position between said first position and a second position, referred to as a deployed position, in which the bridge elements are coupled together to form the bridge.

Fig. 2