

ABSTRACT

Method and system for helping to position a component on a structural element

The invention relates to a method for helping to position a component (30) on the wall (23) of a structural element, including the steps:

- elaborating an image to be projected on the wall, from a virtual model of the structure and from the positioning of a projector with respect to the structure, the image including a outline (26A) delimiting an implantation area of the piece on the wall, the latter being used as a projection substrate for the outline, and an additional motif providing positioning information of the piece with respect to the direction ($\underline{n}$) normal to the wall, the motif corresponding to a predefined set of points of the piece, the latter being used as a projection substrate for the motif;
- projecting the image on the structural element by means of the projector;
- placing the base of the piece inside the outline projected on the wall; and,
- while keeping contact between the piece and the structural element, modifying the positioning of the piece with respect to the direction normal to the wall, until the predefined set of points of the piece coincides with the motif.

Fig. 3