

ABSTRACT

DEVICE FOR GLUING AN ORNAMENTAL BODY

A device is disclosed for gluing an ornamental body (S) onto a shaped body (W). The device aims to minimize the elongation of the ornamental body and the residual stress in it when it is fitted in a concave part (B) of the shaped body (W) to provide a product of good quality wherein no separation of the ornamental body from the shaped body occurs. The device includes a lower die (2) securely mounted on a lower surface plate (1), a receiving plate (4) which is vertically movable by elevators (3) and disposed just above the lower surface plate (1), and which has an opening analogous to and larger than the outline of a fitting groove (M) formed in the shaped body, a plurality of clampers (5) mounted on the receiving plate at the periphery of the opening such that they face the opening and surround it, an upper die (7) fixedly suspended from an upper surface plane (6), the upper die having a pre-pressing member (7A) vertically movable and the outline of the member being smaller than that of the fitting groove, and pressing bars (9) suspended from the upper surface plate that corresponds to the receiving plate.

(Fig. 2) to be used for publication.