

Title (en)

METHOD FOR SETTING STONES IN THE SURFACE OF A JEWEL PRODUCED BY ELECTROFORMING AND RESULTING JEWEL

Title (de)

VERFAHREN ZUM FASSEN VON STEINEN AN DURCH ELEKTROFORMUNG HERGESTELLTEN SCHMUCK UND SO ERHALTENER SCHMUCK

Title (fr)

PROCEDE D'ENCHASSEMENT DE PIERRES DANS LA SURFACE D'UN BIJOU REALISE PAR ELECTROFORMAGE ET BIJOU AINSI OBTENU

Publication

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Application

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Abstract (en)

[origin: US6212745B1] A method for setting stones in the surface of a jewel produced by electroforming, comprising the following steps: producing a base having external shapes and dimensions with a thickness close to the gold film forming the wall of the jewel to be produced and having seats for receiving the stones; depositing on the base, before setting the stones, a protective coating, then a thin gold film; setting the stones in the seats; then depositing a second thicker gold film; and finally extracting or removing the base and the protective coating. The invention is characterized in that when the base is being produced, at least one passage is provided perpendicular to each seat, capable of communicating, once the stone is set, the space between it and the bottom of its seat with outside, so as to enable the depositing of the second gold film to reach the space. The invention is useful for jewels produced by electroforming.

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