A manufacturing process of a hybrid contact-contactless smart card with an antenna support made of fibrous material.

ABSTRACT

The present invention relates to a hybrid-contact contactless smart card manufacturing process and specifically a manufacturing process for hybrid-contact contactless smart card in which the antenna is on a fibrous material such as paper. This process includes a manufacturing step to screen print the antenna onto the support, a step to laminate the card body onto the antenna support by hot press molding, a step to mill a cavity in the card body opposite the side of the support bearing the screen print for housing a module comprised of a chip and a double-sided circuit and a step for inserting the module in the card. Cutouts made in the corners of the antenna support prior to the lamination step enable the card bodies to be bonded together. The card thus obtained allows a posteriori viewing of any mechanical misuse to which it may have been subjected (extreme bending).