TITLE: METHOD FOR PRODUCING A FERROELECTRIC LAYER TRANSFERRED ONTO A SUBSTRATE AND HAVING IMPROVED POLARIZATION HOMOGENEITY

Abstract

A method for producing a composite structure (EndStruct) comprising a ferroelectric layer ($Ferro_{lay}$) with negative polarization (P_{-138}) resting on a support assembly (Sprt.Set), comprising the steps of providing a starting composite structure (StartStruct) comprising a ferroelectric layer ($Ferro_{lay}$) with positive polarization (P_{42}) resting on the support assembly (Sprt.Set); and implanting hydrogen ions (H+) into the starting composite structure (StartStruct) and then applying a heat treatment to the starting composite structure (StartStruct) so as to reverse the polarization (P_{42}) of the ferroelectric layer ($Ferro_{lay}$) of the starting composite structure (StartStruct).

Figure to be published with the abstract: Fig. 2