

TITLE: INTEGRATED STRUCTURE ATTACHED TO A SUBSTRATE,
COMPRISING A FERROELECTRIC LAYER WITH SELECTIVE POLARISATION
IN THE THICKNESS THEREOF, AND MANUFACTURING METHOD

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ABSTRACT

Structure (Struct) comprising a ferroelectric layer (Ferro_{lay})
having a first polarization (P1) in a first volume (V1) and a
second polarization (P2), opposite the first polarization, in a
10 second volume (V2) distinct from the first volume, the first
polarisation and the second polarisation are oriented
perpendicularly or obliquely to the ferroelectric layer, a
surface of the first volume (V1) forms a face (Sup) of the
ferroelectric layer (Ferro_{lay}) and the first volume (V1) is
15 interposed between this face of the ferroelectric layer and the
second volume (V2), the second volume (V2) has a higher hydrogen
concentration, called polarity inversion concentration, than the
first volume (V1), and the polarity inversion concentration
ranges between 10^{19} and 10^{22} hydrogen atoms per cubic centimetre.

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Figure to be published with the abstract: Figure 5