

Title (en)
TUNNEL CONTACT AND METHOD FOR THE PRODUCTION THEREOF

Title (de)
TUNNELKONTAKT UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)
JONCTION A EFFET TUNNEL ET PROCEDE POUR CREER CETTE DERNIERE

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Abstract (en)
[origin: WO0103197A1] The invention relates to a tunnel contact and a method for the production thereof. The tunnel contact comprises a first electrode (1), a second electrode (2) and a gap (3) between the first (1) and second (2) electrode. Gas or a vacuum is located in the gap (3), whereby it is possible to create a flow between the first (1) and second (2) electrode which tunnels its way through the gas or vacuum. According to the invention, the tunnel contact can be used in a non-volatile memory (10) in order to charge and discharge a storage electrode (11) with electrodes. The non-volatile memory (10) can, for example, be an EPROM-type memory.

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