

Title (en)
DEVICE MADE OF SUPERCONDUCTING MATERIAL AND PROCESS FOR PRODUCING IT.

Title (de)
ANORDNUNG AUS SUPRALEITENDEM MATERIAL UND VERFAHREN ZU DEREN HERSTELLUNG.

Title (fr)
DISPOSITIF EN MATERIAU SUPRACONDUCTEUR ET PROCEDE DE REALISATION.

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Abstract (en)
[origin: FR2617645A1] A device made of superconducting material comprises in particular, on a substrate of conducting material which is at least an ionic conductor of oxygen, or layer of superconducting material. The process provides that the adjustment of the oxygen content of the superconducting layer is effected by the passage of oxygen ions through the substrate. The invention is applicable to the production of any device made of superconducting material.

Abstract (fr)
L'invention concerne un dispositif en matériau supraconducteur comportant notamment, sur un substrat en matériau conducteur, ionique de l'oxygène au moins, une couche de matériau supraconducteur. Le procédé de l'invention prévoit que l'ajustage de la teneur en oxygène de la couche supraconductrice se fait par passage d'ions oxygène à travers le substrat. L'invention est applicable à la réalisation de tout dispositif en matériau supraconducteur. Abstract A device made of superconducting material comprises in particular, on a substrate of conducting material which is at least an ionic conductor of oxygen, or layer of superconducting material. The process provides that the adjustment of the oxygen content of the superconducting layer is effected by the passage of oxygen ions through the substrate. The invention is applicable to the production of any device made of superconducting material.

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