

Title (en)
TUNABLE-INDUCTANCE THIN-LAYERED SUPERCONDUCTOR COMPONENTS, METHOD FOR THE PRODUCTION THEREOF AND DEVICES INCLUDING SAID COMPONENTS

Title (de)
DÜNNSCHICHTIGE HALBLEITERBAUTEILE MIT ABSTIMMBARER INDUKTIVITÄT, VERFAHREN ZU DEREN HERSTELLUNG UND SOLCHE BAUTEILE ENTHALTENDE VORRICHTUNGEN

Title (fr)
COMPOSANTS SUPRACONDUCTEURS EN COUCHES MINCES A INDUCTANCE ACCORDABLE PROCEDE DE REALISATION ET DISPOSITIFS INCLUANT DE TELS COMPOSANTS

Publication
EP 1726021 A1 20061129 (FR)

Application
EP 05733296 A 20050224

Priority
• FR 2005000445 W 20050224
• FR 0402063 A 20040227

Abstract (en)
[origin: FR2866979A1] The component has a stack (E) with alternate layers of superconductor materials (C1 1-C1 i) and electrical insulating materials (C2), where the stack is positioned on a superconductive track (LS). A tuning substance (MA1) provides resistive connection between the superconductor materials and receives a visible radiation originating from a display unit, where the resistivity of the connection varies according to the received radiation. Independent claims are also included for the following: (A) an electronic device comprising an inductive superconductor component (B) an antenna device comprising an inductive superconductor component (C) an inductive superconductor component manufacturing method.

IPC 8 full level
H01F 21/00 (2006.01); **H01L 39/22** (2006.01); **H01L 39/24** (2006.01); **H01P 7/00** (2006.01); **H01P 7/08** (2006.01); **H01P 9/00** (2006.01); **H01P 9/02** (2006.01); **H01P 11/00** (2006.01); **H01Q 1/36** (2006.01); **H01Q 3/26** (2006.01); **H01F 6/06** (2006.01)

CPC (source: EP US)
H01Q 1/364 (2013.01 - EP US); **H01Q 3/26** (2013.01 - EP US); **H01F 6/06** (2013.01 - EP US); **H01F 21/00** (2013.01 - EP US)

Citation (search report)
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