

Title (en)  
VARIABLE CAPACITANCE COUPLING ANTENNA

Title (de)  
ANTENNE MIT VARIABLER KAPAZITÄTSKOPPELUNG

Title (fr)  
ANTENNE DE COUPLAGE A CAPACITE VARIABLE

Publication  
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Application  
**EP 01903855 A 20010102**

Priority  
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Abstract (en)  
[origin: US6522308B1] The invention thus concerns a coupling antenna connected to an electromagnetic wave transceiver device containing one or several integrated capacitors. This coupling antenna includes at least one screen printed turn (24) on a support (28) consisting of an insulating dielectric support and also includes a screen printed capacitor on the support, connected in parallel, thereby reducing the capacitance supplied by the capacitor(s) built into the device, so that the resulting capacitance forms a resonating circuit with the turn. The invention also concerns the fabrication process of such an antenna and the use of this antenna in a contactless or hybrid contact-contactless smart card.

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IPC 8 full level  
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