

Abstract

Transmission module (14) for the contact-free data
transmission between a chip (15) and a reading device (12)
5 having a coil arrangement which comprises a coupling
element (19) and at least one aerial coil (20) which are
electrically interconnected, wherein the coupling element
serves to produce an inductive coupling to a transponder
coil (18) electrically connected to the chip, and the
10 aerial coil serves to produce a connection to the reading
device, and wherein the coupling element designed as
coupling coil (19) and the aerial coil (20) are of
different design in regard to their coil parameters which
influence the coil impedance.

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(Figure 1)