Claims

1. RFID arrangement (400), comprising
- an RFID tag (420),
- a housing (410), at least partially enclosing the RFID tag (420), and
- a dummy electrode (430),
- wherein the RFID tag (420) has a first contact (421) and a second contact (422),
- wherein the first contact (421) is electrically connected to the housing (410),
- wherein the second contact (422) is electrically connected to the dummy electrode (430),
- wherein the housing (410) has an opening at one side,
- wherein the dummy electrode (430) is positioned inside the opening, and
- wherein the dummy electrode (430) is positioned such that the dummy electrode (430) together with the housing (410) have a cylindrical shape, at least disregarding a slot (432) between the dummy electrode (430) and the housing (410).

2. RFID arrangement (400) according to claim 1,
- wherein the housing (410) has the form of a hollow cylinder with a bottom.

3. RFID arrangement (400) according to one of the preceding claims,
- wherein the housing (410) forms an antenna for the RFID tag (420).

4. RFID arrangement (400) according to one of the preceding claims,
- wherein the housing (410) is fully or partly made of an electrically conductive material and/or of metal.

5. Method of manufacturing an RFID arrangement (400),
the method comprising the following steps:
- providing a housing (410), the housing (410) having an opening at one side,
- positioning an RFID tag (420) inside the housing (410),
- placing a dummy electrode (430) in the opening of the housing (410), wherein the dummy electrode (430) is positioned such that the dummy electrode (430)

together with the housing (410) have a cylindrical shape, at least disregarding a slot (432) between the dummy electrode (430) and the housing (410),

- connecting a first contact (421) of the RFID tag (420) to the housing (410), and
- connecting a second contact (422) of the RFID tag (420) to the dummy electrode (430).