Title (en)

Magnetic induction antenna arrangement

Title (de)

Magnetische Induktionsantennenanordnung

Title (fr)

Agencement d'antenne à induction magnétique

Publication

EP 2527225 A1 20121128 (EN)

Application

EP 11167547 A 20110525

Priority

EP 11167547 A 20110525

Abstract (en)

The invention relates to a magnetic induction antenna arrangement comprising an electrically conducting loop (1) forming a first antenna (2) for powering tags over the entire range from high to low distances between the first antenna (2) and the tag by producing a first electromagnetic field. The conducting loop (1) or a second conducting loop forms at least one second antenna (3), which is arranged in such a manner that a second electromagnetic field produced by the second antenna (3) partially cancels the first electromagnetic field produced by the first antenna (2).

IPC 8 full level

B61L 3/12 (2006.01); **H01Q 1/22** (2006.01); **H01Q 1/32** (2006.01); **H01Q 1/36** (2006.01); **H01Q 7/00** (2006.01)

CPC (source: EP)

B61L 3/121 (2013.01); **B61L 3/126** (2013.01); **H01Q 1/2216** (2013.01); **H01Q 1/3225** (2013.01); **H01Q 1/36** (2013.01); **H01Q 7/00** (2013.01)

Citation (applicant)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2527225 A1 20121128; **EP 2527225 B1 20160427**; CN 102800925 A 20121128; CN 102800925 B 20160120; ES 2578508 T3 20160727

DOCDB simple family (application)

EP 11167547 A 20110525; CN 201110181564 A 20110623; ES 11167547 T 20110525