

Title (en)
Loop antenna device.

Title (de)
Ringantennenvorrichtung.

Title (fr)
Dispositif d'antenne boucle.

Publication
EP 0371562 A1 19900606 (EN)

Application
EP 89203011 A 19891127

Priority
NL 8802914 A 19881128

Abstract (en)
A loop antenna device (10) for a two-frequency electromagnetic detection system is disclosed. The device serves to generate an electromagnetic interrogation field for detecting responders comprised by the system. The device comprises a closed loop built up of four adjoining sections having substantially equal impedances, the junction between each pair of adjoining sections together (11, 12, 13, 14) with the junction between the complementary pair of adjoining sections forming a connection port so that two connection ports (31, 33, 32, 34) are provided which in operation are available for two independent signals having different frequencies.

IPC 1-7
H01Q 5/00; H01Q 7/00

IPC 8 full level
H01Q 5/00 (2006.01); **H01Q 5/35** (2015.01); **H01Q 5/50** (2015.01); **H01Q 7/00** (2006.01)

CPC (source: EP)
H01Q 1/2216 (2013.01); **H01Q 5/35** (2013.01); **H01Q 5/50** (2015.01); **H01Q 7/00** (2013.01)

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