

Title (en)
ANTENNA DEVICE

Title (de)
ANTENNENVORRICHTUNG

Title (fr)
SYSTEME D'ANTENNE

Publication
EP 1576697 B1 20060531 (DE)

Application
EP 04729855 A 20040428

Priority
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Abstract (en)
[origin: US2006109179A1] An antenna device includes a first radiation electrode having an open end and a short-circuited end connected to ground and being coupled to a feed line at a feeding point. Furthermore, the antenna device has a second radiation electrode having an open end and a short-circuited end connected to ground, wherein a portion of the second radiation electrode is part of an electric circuit. The first radiation electrode, the feed line and the electric circuit are arranged such that an alternating current through the feed line to the short-circuited end of the first radiation electrode, for feeding the second radiation electrode, induces an alternating current into the electric circuit via magnetic coupling.

IPC 8 full level
H01Q 9/04 (2006.01); **H01Q 1/38** (2006.01); **H01Q 5/00** (2006.01); **H01Q 5/10** (2015.01); **H01Q 5/378** (2015.01); **H01Q 9/42** (2006.01); **H01Q 19/02** (2006.01); **H01Q 21/30** (2006.01)

IPC 8 main group level
H01Q (2006.01)

CPC (source: EP KR US)
H01Q 1/38 (2013.01 - EP KR US); **H01Q 5/00** (2013.01 - KR); **H01Q 5/378** (2015.01 - EP US); **H01Q 9/04** (2013.01 - KR); **H01Q 9/42** (2013.01 - EP US); **H01Q 19/023** (2013.01 - EP US); **H01Q 21/30** (2013.01 - KR)

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