

Title (en)
ANTENNA AND DEVICE INCORPORATING THE SAME

Title (de)
ANTENNE SOWIE GERÄT MIT EINER SOLCHEN ANTENNE

Title (fr)
ANTENNE AINSI QU'APPAREIL DOTÉ D'UNE TELLE ANTENNE

Publication
EP 3579336 B1 20221019 (DE)

Application
EP 19178913 A 20190607

Priority
DE 102018209189 A 20180608

Abstract (en)
[origin: JP2019213201A] To provide an antenna which allows for reliable inductive coupling with a receiver, and to provide an apparatus having this antenna.SOLUTION: An antenna (18) for guided information conduction and/or energy conduction, especially an antenna for listening aid, comprises a film-like antenna body (24), the antenna body has a central coil core part (26) supporting a first coil (28), and outside antenna parts (30) placed on both sides of the central coil core part (26), where each outside antenna part (30) has an end side coil core part (32) in contact with the central coil core part (26) and supporting a second coil (34), and the outside antenna part (30) is bent for the central coil core part (26). Furthermore, the invention is related to an apparatus (2) including this antenna (18), especially a hearing aid, i.e., a listening assistant device.SELECTED DRAWING: Figure 2a

IPC 8 full level
H01Q 1/27 (2006.01); **H01Q 7/06** (2006.01)

CPC (source: CN EP US)
H01Q 1/24 (2013.01 - US); **H01Q 1/273** (2013.01 - CN EP US); **H01Q 1/36** (2013.01 - CN); **H01Q 1/526** (2013.01 - CN US); **H01Q 3/2635** (2013.01 - US); **H01Q 7/06** (2013.01 - EP US); **H01Q 7/08** (2013.01 - US); **H04R 1/02** (2013.01 - CN); **H04R 9/02** (2013.01 - CN); **H04R 25/552** (2013.01 - US); **H04R 25/554** (2013.01 - US); **H04R 25/65** (2013.01 - CN); **H01Q 1/245** (2013.01 - US); **H01Q 3/2611** (2013.01 - US); **H01Q 3/2629** (2013.01 - US); **H04R 2225/021** (2013.01 - US); **H04R 2225/49** (2013.01 - US); **H04R 2225/51** (2013.01 - US)

Cited by
EP3902289A1

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

DOCDB simple family (publication)
DE 202018104183 U1 20190912; CN 110581346 A 20191217; CN 110581346 B 20211022; DE 102018209189 A1 20191212; DK 3579336 T3 20230116; EP 3579336 A1 20191211; EP 3579336 B1 20221019; JP 2019213201 A 20191212; JP 6918863 B2 20210811; US 10893368 B2 20210112; US 2019394584 A1 20191226

DOCDB simple family (application)
DE 202018104183 U 20180720; CN 201910496192 A 20190610; DE 102018209189 A 20180608; DK 19178913 T 20190607; EP 19178913 A 20190607; JP 2019106989 A 20190607; US 201916435750 A 20190610