

Title (en)

DEVICE FOR TRANSMITTING SIGNALS IN A VEHICLE

Title (de)

VORRICHTUNG ZUR SIGNALÜBERTRAGUNG IN EINEM FAHRZEUG

Title (fr)

DISPOSITIF POUR LA TRANSMISSION DE SIGNAUX DANS UN VEHICULE

Publication

**EP 1145460 A2 20011017 (DE)**

Application

**EP 99936365 A 19990529**

Priority

- DE 9901597 W 19990529
- DE 19832911 A 19980722

Abstract (en)

[origin: DE19832911A1] The invention relates to a device for transmitting signals and energy in a vehicle, comprising an antenna coil (10) disposed in or on a movable part (16). A coupling coil (12) is mounted in the vicinity of the antenna coil (10) on a part (20) that is stationary in relation to the movable part (16) in such a way that the antenna coil (10) and the coupling coil (12) can exchange energy and signals by means of inductance/transformation.

IPC 1-7

**H04B 5/00**; B60R 11/02; G07C 9/00; H01Q 1/12; H01Q 1/32; H02J 5/00

IPC 8 full level

**H01Q 1/12** (2006.01); **H01Q 1/32** (2006.01); **H02J 5/00** (2016.01); **H04B 5/00** (2006.01)

CPC (source: EP KR US)

**H01Q 1/1271** (2013.01 - EP KR US); **H01Q 1/3291** (2013.01 - EP KR); **H02J 50/10** (2016.02 - KR); **H02J 50/12** (2016.02 - EP US); **H02J 50/80** (2016.02 - EP US); **H04B 5/00** (2013.01 - EP); **H04B 5/26** (2024.01 - KR); **H04B 5/45** (2024.01 - KR); **H04B 5/26** (2024.01 - EP); **H04B 5/45** (2024.01 - EP)

Designated contracting state (EPC)

CH CY DE ES FR GB IT LI SE

DOCDB simple family (publication)

**DE 19832911 A1 20000210**; AU 5151099 A 20000214; AU 753316 B2 20021017; EP 1145460 A2 20011017; KR 20010072667 A 20010731; WO 0005824 A2 20000203; WO 0005824 A3 20020214

DOCDB simple family (application)

**DE 19832911 A 19980722**; AU 5151099 A 19990529; DE 9901597 W 19990529; EP 99936365 A 19990529; KR 20017000409 A 20010110