

Publication

**EP 0867971 A3 19981007**

Application

**EP 98105303 A 19980324**

Priority

DE 19712911 A 19970327

Abstract (en)

[origin: EP0867971A2] The magnetic field sensor includes at least a first and a second conductor loop, whereby the first conductor loop is formed oblong and the second conductor loop is arranged concentrically to the first, and is set up symmetrically to the center. The second conductor loop comprises preferably a constant distance to the center. The first conductor loop comprises preferably a central section, in which the conductor loop proceeds crosswise. The first conductor loop is preferably composed of two spatially adjacent sections which are connected with an evaluation unit which determines the phase difference between the induced voltages.

IPC 1-7

**H01Q 7/00**; **H01Q 1/32**; **E05B 49/00**; **G01R 33/02**

IPC 8 full level

**E05B 49/00** (2006.01); **G01B 7/00** (2006.01); **G01R 33/02** (2006.01); **G07C 9/00** (2006.01); **H01Q 1/32** (2006.01); **H01Q 7/00** (2006.01)

CPC (source: EP US)

**G07C 9/00182** (2013.01 - EP US); **H01Q 1/3233** (2013.01 - EP US); **H01Q 7/00** (2013.01 - EP US); **G07C 2009/0019** (2013.01 - EP US); **G07C 2009/00777** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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