

Title (en)

MICROWAVE ANTENNA FOR THE WIRELESS NETWORKING OF DEVICES IN AUTOMATION TECHNOLOGY

Title (de)

MIKROWELLENANTENNE ZUR DRAHTLOSEN VERNETZUNG VON GERÄTEN DER AUTOMATISIERUNGSTECHNIK

Title (fr)

ANTENNE À MICRO-ONDES POUR LA MISE EN RÉSEAU SANS FIL D'APPAREILS UTILISÉS EN AUTOMATISATION

Publication

**EP 2215687 A1 20100811 (DE)**

Application

**EP 08855130 A 20081115**

Priority

- EP 2008009688 W 20081115
- DE 102007058257 A 20071126

Abstract (en)

[origin: WO2009068197A1] The invention relates to a microwave antenna for the wireless networking of devices in automation technology, comprising a first printed circuit board (48), on which a first conductor loop (52) is arranged as a conductor track. A second printed circuit board (50) with a second conductor loop (64) in the form of a conductor track is arranged transversely to the first printed circuit board (48) and is fastened thereon. The conductor loops (52, 64) are connected to a common feeder connection (94). A phasing line (110) connects an end each of the first and second conductor loops (52, 64).

IPC 8 full level

**H01Q 1/38** (2006.01); **H01Q 9/26** (2006.01); **H01Q 21/24** (2006.01)

CPC (source: EP US)

**H01Q 1/38** (2013.01 - EP US); **H01Q 9/26** (2013.01 - EP US); **H01Q 21/24** (2013.01 - EP US)

Citation (search report)

See references of WO 2009068197A1

Citation (examination)

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- ANONYMOUS: "X10 (industry standard) - Wikipedia, the free encyclopedia", 30 July 2015 (2015-07-30), XP055205492, Retrieved from the Internet <URL:https://en.wikipedia.org/wiki/X10\_(industry\_standard)> [retrieved on 20150730]

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (application)

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