

Title (en)

COMPACT MULTI-ELEMENT ANTENNA WITH PHASE SHIFT

Title (de)

KOMPAKTE MEHRTEILIGE ANTENNE MIT PHASENVERSCHIEBUNG

Title (fr)

ANTENNE MULTIÉLÉMENT COMPACTE AVEC DÉPHASAGE

Publication

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Application

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CPC (source: EP)

**H01Q 9/285** (2013.01); **H01Q 21/30** (2013.01)

Citation (search report)

- [XY] US 2001035842 A1 20011101 - APOSTOLOS JOHN T [US]
- [X] EP 0323726 A2 19890712 - NIPPON ANTENNA KK [JP]
- [X] EP 1158602 A1 20011128 - MITSUBISHI ELECTRIC CORP [JP]
- [Y] EP 0470797 A2 19920212 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- See references of WO 2009045210A1

Citation (examination)

US 4766438 A 19880823 - TANG RAYMOND [US]

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