Title (en)
Hand-held apparatus

Title (de)
Tragbares Gerät

Title (fr)
Appareil portable

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Application
EP 99124720 A 19970704

Priority
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- EP 97929142 A 19970704

Abstract (en)
The invention relates a hand-held apparatus (11) which comprises at least two transmitter antennas (9, 14) for emitting a radio signal. A first one (14) of at least two transmitter antennas has an omnidirectional radiation characteristic and a second one (9) of the at least two transmitter antennas has a directional characteristic. <IMAGE> <IMAGE>

Inventor
JENSEN NIELS JORGEN (DK)

Applicant
BOSCH GMBH ROBERT (DE)

IPC 1-7 (main, further and additional classification)
H01Q 1/24; H01Q 21/29

IPC 8 full level (invention and additional information)
H01Q 1/24 (2006.01); **H01Q 21/29** (2006.01)

CPC (invention and additional information)
H01Q 1/245 (2013.01); **H01Q 1/242** (2013.01); **H01Q 1/243** (2013.01); **H01Q 21/29** (2013.01)

Citation (search report)
[Y] EP 0523867 A2 19930120 - TECHNOPHONE LTD [GB]

[XY] PATENT ABSTRACTS OF JAPAN vol. 018, no. 148 (E - 1522) 11 March 1994 (1994-03-11)

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WO2005011053A1; KR100705883B1; FR2837339A1; US9531062B2; US9673507B2; US7405702B2; EP2615685A3

Designated contracting state (EPC)
DE FI FR GB SE

EPO simple patent family
WO 9801919 A2 19980115; WO 9801919 A3 19980305; AU 3336397 A 19980202; DE 69713103 D1 20020711; DE 69713103 T2 20030227; DK 176625 B1 20081201; DK 74296 A 19980106; EP 0916166 A2 19990519; EP 0916166 B1 20020605; EP 1006605 A1 20000607; EP 1006605 B1 20130529; EP 1006606 A1 20000607

INPADOC legal status

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- Effective date : 20170703

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- Owner name : IPCOM GMBH & CO. KG

2002-09-18 [17Q] FIRST EXAMINATION REPORT
- Effective date : 20020805

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- Free text : DE FI FR GB SE

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- Document : EP 916166

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2000-06-07 [AX] REQUEST FOR EXTENSION OF THE EUROPEAN PATENT TO
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