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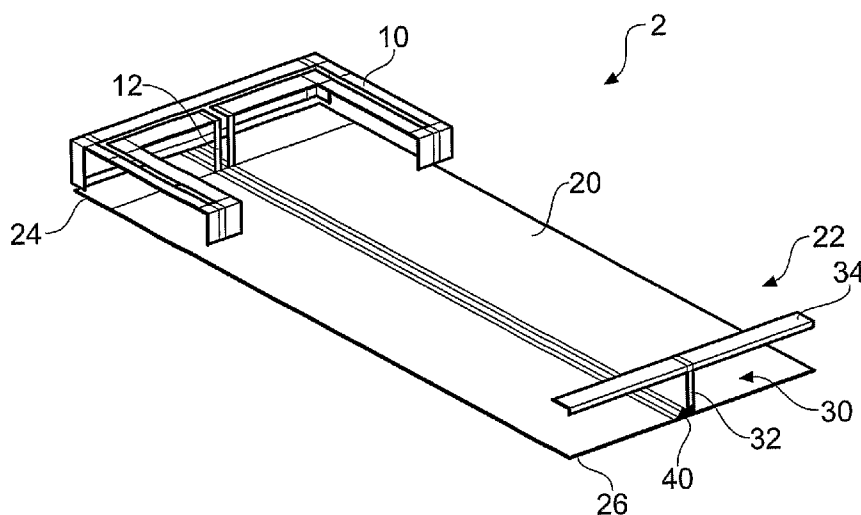
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(54) Title: AN ANTENNA ARRANGEMENT



(57) Abstract: An antenna arrangement including: a coupling element, a conductive element; an extension element for electrically extending the conductive element and a reactive element. A method of creating an antenna arrangement including an antenna element having a first resonant frequency and a first bandwidth, a conductive element, an extension element, for electrically extending the conductive element, having a size and an inductor 40 having an inductance value wherein the extended conductive element has a resonant mode having a second resonant frequency and a second bandwidth, the method including: selecting the size of the extension element, the inductance value and a position of the inductor to tune the resonant mode of the extended conductive element so that the second bandwidth in the region of the first resonant frequency is larger than the first bandwidth in the region of the first resonant frequency.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB2007/002564

A. CLASSIFICATION OF SUBJECT MATTER

IPC: see extra sheet

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC: H01Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	X 20050128155 A1 (FUKUDA, J), 16 June 2005 (16.06.2005), figures 3,1,7, abstract --	1-25
A	US 20060258414 A1 (VANCE, S ET AL), 16 November 2006 (16.11.2006), figures 1a,5a,6a, claim 1 --	1-25
A	WO 2007030401 A2 (MOTOROLA INC), 15 March 2007 (15.03.2007), abstract -- -----	1-25

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Cited literature, if any, will be enclosed in paper form.

INTERNATIONAL SEARCH REPORT

Information on patent family members

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X	20050128155	A1	16/06/2005	NONE		
US	20060258414	A1	16/11/2006	EP	1882311 A	30/01/2008
				WO	2006124066 A	23/11/2006
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				GB	2429845 A,B	07/03/2007