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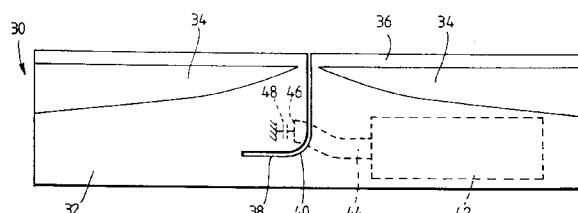
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(54) **Moving vehicle transponder.**

(57) A transponder tag operative in the UHF range and including a substrate of dielectric material having formed on one side a conductive surface providing a ground plane and a dipole antenna, a slot line within the ground plane forming a balanced antenna feeder and leading to the centre of the dipole antenna, and the substrate having mounted on the side of the substrate opposite to said one side a transmission line feeder positioned for electromagnetic coupling with said slot line, the transmission line feeder being coupled to transceiver circuit means and processing means mounted on the opposite side for performing a transponding function.

Fig. 3.

DETAIL OF TRANSPONDING TAG ANTENNA COUPLER



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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	US-A-4 068 232 (MEYERS ET AL.) * column 2, line 58 - column 6, line 55; figures 1-3 *	1-8	G08G1/017 G08B13/24 H01Q9/06
A	GB-A-1 348 478 (EMI LIMITED) * the whole document *	1-3	
A	US-A-3 845 490 (MANWARREN ET AL.) * the whole document *	1-3	
A	EP-A-0 323 011 (AMTECH TECHNOLOGY CORPORATION) * the whole document *	1-8	
A	US-A-4 104 630 (CHASEK) * claims *	4-8	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			G08G G08B H01Q B61L G06G G06K
<p>The present search report has been drawn up for all claims</p>			
Place of search THE HAGUE	Date of completion of the search 06 MAY 1993	Examiner REEKMANS M.V.	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			