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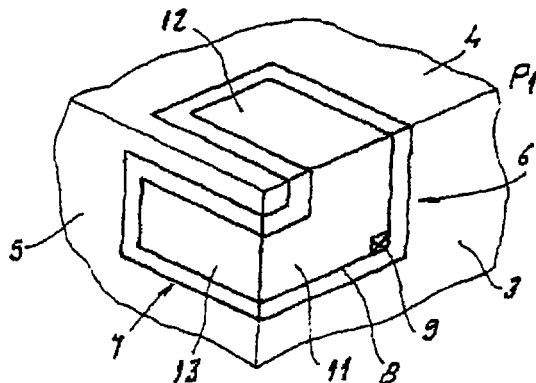
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(54) Title: PASSIVE TRANSMITTER RECEIVER DEVICE FED BY AN ELECTROMAGNETIC WAVE

(54) Titre : DISPOSITIF RECEPTEUR-EMETTEUR PASSIF ALIMENTÉ PAR UNE ONDE ELECTROMAGNETIQUE



(57) Abstract: The invention relates to a passive transmitter-receiver device (6, 28, 33) fed by an electromagnetic wave, provided with an antenna comprising a loop (7, 30, 34) which is associated with an electronic transponder chip (9), said loop being able to feed the electronic chip by an induced current which is generated when it is cross-flown by an electromagnetic wave (H1, H2, H3, H4, H5) carrying information, and to transmit a second electromagnetic wave carrying a response from the electronic chip. The antenna is configured in such a way that the loop includes at least two non-coplanar or non-parallel parts in a position of use.

(57) Abrégé : La présente invention se rapporte à un dispositif (6, 28, 33) récepteur-émetteur passif alimenté par onde électromagnétique possédant une antenne comprenant une boucle (7, 30, 34) associée à une puce électronique (9) transpondeur, cette boucle étant apte, d'une part, à alimenter la puce première onde électromagnétique (H1, H2, H3, H4, H5) véhiculant des informations, et d'autre part, à émettre une deuxième onde électromagnétique véhiculant la réponse de la puce électronique. L'antenne est conçue de manière à ce que la boucle comprenne au moins deux parties non coplanaires ou non parallèles en position d'utilisation.

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For an explanation of the two-letter codes and the other abbreviations, reference is made to the explanations ("Guidance Notes on Codes and Abbreviations") at the beginning of each regular edition of the PCT Gazette.