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(54) Title (EN): NON-RECIPROCAL CIRCUIT ELEMENT AND METHOD FOR PRODUCING SAME

(54) Title (FR): ÉLÉMENT DE CIRCUIT NON RÉCIPROQUE ET PROCÉDÉ DE PRODUCTION DE CELUI-CI

(54) Title (JA): 非可逆回路素子およびその製造方法

(57) Abstract:

(EN): On a permanent magnet (5)-side surface of a dielectric component (3) is formed a cavity (3C) having: a bottom surface (3C1) that extends in a direction along one main surface (3A); and a side surface (3C2) that extends in a thickness direction crossing the bottom surface (3C1). At least a portion of the permanent magnet (5) is disposed in the cavity (3C). The surface of the at least a portion of the permanent magnet (5), that is, the portion disposed in the cavity (3C), is fixed to both the bottom surface (3C1) and the side surface (3C2) by means of an adhesive (13).

(FR): Selon l'invention, sur une surface de côté aimant permanent (5) d'un composant diélectrique (3) est formée une cavité (3C) comportant : une surface inférieure (3C1) qui s'étend dans une direction le long d'une surface principale (3A) ; et une surface latérale (3C2) qui s'étend dans une direction d'épaisseur croisant la surface inférieure (3C1). Au moins une partie de l'aimant permanent (5) est disposée dans la cavité (3C). La surface de ladite partie de l'aimant permanent (5), c'est-à-dire la partie disposée dans la cavité (3C), est fixée à la fois à la surface inférieure (3C1) et à la surface latérale (3C2) grâce à un adhésif (13).

(JA): 誘電体部品(3)の永久磁石(5)側の表面には、一方の主表面(3A)に沿う方向に延びる底面(3C1)および底面(3C1)に交差する厚み方向に延びる側面(3C2)を有するキャビティ(3C)が形成されている。永久磁石(5)の少なくとも一部はキャビティ(3C)内に配置される。キャビティ(3C)内に配置される永久磁石(5)の少なくとも一部の表面は、底面(3C1)および側面(3C2)の双方と、接着剤(13)を介して固定されている。

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