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[54] PLASTIC INJECTION MOLDED MAGNETIC TOY
注塑磁力玩具

[57] This short-term patent application is a plastic injection molded magnetic toy, comprising: a first housing (1), a second housing (2), an intermediate piece (4) and a magnetic body (3), wherein a receiving cavity (21) is arranged in the second housing (2) and the magnetic body (3) is disposed in the receiving cavity (21). The intermediate piece (4) is integrally injection molded with the first housing (1), the second housing (2) and the magnetic body (3); a notch (41) is provided at a position of the intermediate piece (4) corresponding to the receiving cavity (21); and the receiving cavity (21) is disposed in the notch (41) and attached to the notch (41). In the plastic injection molded magnetic toy of the present disclosure, the intermediate piece (4) is integrally injection molded with the first housing (1), the second housing (2) and the magnetic body (3) and the receiving cavity (21) is clamped and fixed by the intermediate piece (4); in this way, the bonding strength between the housings is reinforced, such that even the toy is damaged, the first housing (1), the second housing (2) and the magnetic body (3) will not be cast off, which enhances the safety of the product.

本短期專利公開了一種注塑磁力玩具，包括第一殼體(1)、第二殼體(2)、中置片(4)和磁體(3)，第二殼體(2)上設有容納空腔(21)，磁體(3)位於該容納空腔(21)內。中置片(4)與第一殼體(1)、第二殼體(2)和磁體(3)一體注塑成型，該中置片(4)與容納空腔(21)對應的位置處設有缺口(41)，所述容納空腔(21)位於缺口(41)內並與缺口(41)貼合連接。本案的注塑磁力玩具，中置片(4)與第一殼體(1)、第二殼體(2)、磁體(3)一體注塑成型，容納空腔(21)被中置片(4)夾持固定，加強了殼體之間的粘合力，即使玩具被破壞，其第一殼體(1)、第二殼體(2)和磁體(3)也不會脫落，提高了產品的安全性。