

Title (en)

ROTATING APPARATUS USING A MAGNET AND ROTATING DECORATION EMPLOYING THE SAME

Title (de)

DREHVORRICHTUNG MIT EINEM MAGNETEN UND ROTIERENDE DEKORATION DAMIT

Title (fr)

APPAREIL ROTATIF A AIMANT ET DECORATION ROTATIVE DANS LAQUELLE LEDIT APPAREIL EST UTILISE

Publication

EP 1614213 A4 20071003 (EN)

Application

EP 04722189 A 20040320

Priority

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Abstract (en)

[origin: WO2004093297A1] The present invention relates to a rotating apparatus using a magnet. The rotating apparatus includes a separating member, at least one movable magnet, and at least one passive magnet. The separating member is made of a nonmagnetic material, and interposed between the movable magnet and the passive magnet. The movable magnet is relatively shifted from the separating member along one surface of the separating member, and N-pole and S-pole of the movable magnet are arranged along the one surface of the separating member. The passive magnet is placed on the other surface of the separating member, and coupled with the movable magnet by magnetic force. When the movable magnet and the separating member are shifted relatively to each other, the passive magnet is shifted along the movable magnet and rotated on the other surface of the separating member. The rotating apparatus is applied to a toy, a decoration of clothing, an interior decoration, and an advertising sign as well as a power transmission device of machinery requiring a plurality of rotary shafts.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

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- See references of WO 2004093297A1

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DOCDB simple family (publication)

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