

Title (en)
Coin box storage structure

Title (de)
Lagerungsstruktur eines Münzsammelbehälters

Title (fr)
Structure de stockage d'une cassette à pièces de monnaie

Publication
EP 0571188 B1 19970102 (EN)

Application
EP 93303868 A 19930518

Priority
JP 3976592 U 19920520

Abstract (en)
[origin: EP0571188A2] A coin box storage structure includes a coin box, a safe chamber, a shutter plate, a lock lever, a tumbler mechanism, and a dampening member. The shutter plate is swingably disposed in a lid, has a projection, and opens a coin storage port against a biasing force when the coin box is stored in the safe chamber. The lock lever has a ratchet portion engaged with the projection of the shutter plate to keep closing the coin storage port when the coin box is removed from the safe chamber. The lock lever is pressed and pivoted by the shutter plate when the coin box is stored in the safe chamber. When the lock lever is pivoted by a predetermined angle or less during opening of the lid, the tumbler mechanism reverses the lock lever to disengage the ratchet portion from the projection of the shutter plate to set the shutter plate in a preset state. When the lock lever is pivoted by the predetermined angle or more during storage of the coin box into the safe chamber, this mechanism reverses the lock lever to set the ratchet portion and the projection of the shutter plate in an engagement standby state. The dampening member inhibits to apply a pivot force to the lock lever in an initial period of pivotal movement of the lid and pivots the lock lever in pivotal movement of the lid by an angle exceeding the predetermined angle. <IMAGE>

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CPC (source: EP)
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Cited by
US8096465B2; CN110796790A; NL1031716C2; FR2777100A1; ES2157749A1; EP2109058A1; FR2929739A1; FR2817377A1; US8308055B2; US8844705B2; US7604107B2; WO2009071304A1; WO2008061818A3; WO0245036A1

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