

Title (en)

Soft close hinge for a toilet seat

Title (de)

Scharnier für Toilettensitz zum sanften Schließen

Title (fr)

Charnière pour fermeture en douceur d'une lunette de WC

Publication

**EP 2324745 A2 20110525 (EN)**

Application

**EP 10165534 A 20100610**

Priority

CN 201020176995 U 20100430

Abstract (en)

The present invention relates to a hinge for mounting a toilet seat (61) and/or lid (62) onto a toilet bowl, said hinge comprising a shaft (3) with a bore (31) for insertion of a peg (11), a damping means (4) with a core (42) and a casing (41), wherein the casing (41) is rotatably connected to the core (42), which in turn is coaxially affixed to the shaft (3). The hinge according to the invention is characterised in that the core (42) is installed within the casing (41) and the casing (41) encases the entire lateral area of both the core (42) and the shaft (3), wherein the casing (41) features an elongated opening (411) at its long side, the opening (411) being aligned with the bore (31), having a width at least corresponding to that of the bore (31) and radially extending around the casing (41) along at least one quarter of a circumference.

IPC 8 full level

**A47K 13/12** (2006.01)

CPC (source: EP)

**A47K 13/26** (2013.01); **A47K 13/12** (2013.01)

Citation (applicant)

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- DE 3701720 A1 19880804 - PAG PRESSWERK AG [DE]
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- EP 1199020 B1 20060222 - HAMBERGER INDUSTRIEWERKE GMBH [DE]

Cited by

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