

Title (en)

Hinge, in particular for door wing

Title (de)

Scharnier, insbesondere für Türflügel

Title (fr)

Charnière, en particulier pour vantail de porte

Publication

EP 1074684 A3 20030514 (DE)

Application

EP 00111331 A 20000526

Priority

- DE 29913235 U 19990804
- DE 19954922 A 19991116

Abstract (en)

[origin: EP1074684A2] A catch (9) with a ball (10) and internally mounted tension spring (8), disc (7) and guide pin (6) are received by a sleeve (3) integrally formed from one of the hinges (2). One side of the sleeve is closed with a slip ring (11), on top of which is a second catch (12), and the opposite side of the sleeve is closed with a second slip ring (13). The sleeve is held under tension between two forked parts (4, 5) integrally formed from the other hinge (1). A screw (15), a locking screw (14) in one of the forked parts (4), and a hinge bolt (16) in the other forked part (5) are used to secure the two hinges together. The screw is used to alter the angle of the hinges and the locking screw fixes the hinges into position.

IPC 1-7

E05D 11/10; **E05D 5/12**; **E05D 5/14**; **A47K 3/36**

IPC 8 full level

A47K 3/36 (2006.01); **E05D 11/10** (2006.01); **E05D 5/02** (2006.01)

CPC (source: EP)

A47K 3/36 (2013.01); **E05D 11/1064** (2013.01); **E05D 5/0246** (2013.01); **E05Y 2800/672** (2013.01); **E05Y 2900/114** (2013.01)

Citation (search report)

- [A] US 2591476 A 19520401 - SWANSON ALFRED J
- [A] US 5412842 A 19950509 - RIBLETT ALLEN [US]

Cited by

GB2538039A; CN112095303A

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