

Title (en)

Connecting elements for closures for chains, ropes-chains or the like.

Title (de)

Verbindungselemente und daraus bestehende Schlösser für Ketten, Stäbe oder Seile.

Title (fr)

Éléments de liaison constituant des fermoirs pour colliers, cordons ou analogues.

Publication

**EP 0498300 B1 19950809 (DE)**

Application

**EP 92101524 A 19920130**

Priority

DE 4103092 A 19910201

Abstract (en)

[origin: EP0498300A1] A first connecting element (A) has a spring-loaded connecting pin (3) which is guided axially in the interior and whose outer end is provided with a thickening (4) which is of rotationally symmetrical construction for engaging behind a guide channel (10) on a second connecting element (B) and which, in the position of rest of the connecting pin (3), rests against the outer surface of the first connecting element (A) under pressure. The guide channel (10) on the second connecting element (B) connects an insertion (14) for the connecting pin (3) to a fixing point (13) for the first connecting element (A), which fixing point is constructed as a depression in a complementary manner to the thickening (4), in which depression the thickening (4) engages under spring force. Adjoining the insertion (14) is a rising slope (12), by means of which the connecting pin (3) is constantly deflected until it reaches the depth of the guide channel (10). Additional shapings on the guide channel (10) increase the reliability against unintentional release of a connection. Various design possibilities for two-part or multi-part locks formed from the connecting elements (A and B). <IMAGE>

IPC 1-7

**A44C 11/02**

IPC 8 full level

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CPC (source: EP)

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