

Title (en)

Fastening door handle to the spindle.

Title (de)

Türgriffverbindung.

Title (fr)

Fixation d'une poignée de porte au carré.

Publication

**EP 0436795 B1 19940202 (DE)**

Application

**EP 90121396 A 19901108**

Priority

DE 9000103 U 19900108

Abstract (en)

[origin: EP0436795A2] To connect two door handles (10, 10'), the handle neck (12, 12') of which has a respective blind hole for the positive reception of a square pin (14), against one side face (16) of which largely bears a slightly corrugated leaf spring (20), the latter, together with the square pin (14), is fixed to at least one handle by means of a preferably self-tapping screw (30). The angled ends (24, 24') of the leaf spring (20) seated in the continuous longitudinal groove (40) engage in blind holes (28, 28') located at the ends. The groove walls assume relative to one another a wedge angle (  $\alpha$  ) which at least approximates to the aperture (  $\beta$  ) of the cone tip (34) of a screw (30) thickened in an onion-shaped manner. Shoulders (42) on or next to each blind hole (28, 28') support the leaf spring (20) which, towards each of the ends, has a longitudinal slot (26, 26') narrower than the screw thickening (36). The longitudinal slots (26, 26') and longitudinal groove (40) are aligned with one another especially centrally in the leaf spring (20) or on the one square-pin side face (16). The material thickness of the leaf spring (20) corresponds to the depth (t) of a shallow groove (18), the width (b) is at least equal to the blind-hole diameter (d). <IMAGE>

IPC 1-7

**E05B 3/04**

IPC 8 full level

**E05B 3/02** (2006.01); **E05B 3/04** (2006.01)

CPC (source: EP)

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Cited by

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