

Title (en)

DEVICE FOR ATTACHING HANDLES TO UTENSILS, IN PARTICULAR HOUSEHOLD UTENSILS AND GARDEN TOOLS

Publication

EP 0057916 B1 19850619 (DE)

Application

EP 82100805 A 19820204

Priority

- DE 3104228 A 19810206
- DE 3130703 A 19810803

Abstract (en)

[origin: US4466377A] A device for fastening handles, that consists of a connecting bushing (16) and an insert (18) that are attached to both the implement (86) and to the handle (10). The insert (18), which has a rectangular cross-section, is locked into the insertion opening in the connecting bushing when a catch (62) on a leaf spring (64) engages a hole (61) in the insert. The resulting positive lock can be disengaged by a push-button (48) or sliding sleeve. The push-button (48) rests against the end (74) of the leaf spring (64) and can be used to displace the catch (62) on the leaf spring from the hole (61). An axially elastic sleeve (84) between the end of the handle and the connecting piece (20) compensates for tolerances. The circular handle merges gradually into an oval or ellipse toward the connecting piece (20).

IPC 1-7

B25G 3/18

IPC 8 full level

B25G 3/18 (2006.01)

CPC (source: EP US)

B25G 3/18 (2013.01 - EP US); **Y10S 16/24** (2013.01 - US); **Y10T 74/20636** (2015.01 - EP US); **Y10T 74/20864** (2015.01 - EP US); **Y10T 403/606** (2015.01 - EP US)

Cited by

EP0749809A1; FR2659893A1; US2023256573A1; EP0234210A3; GB2209301A; ITMI20130297A1; ES2301332A1; US5809615A; EP1818142A3; EP2946889A1; WO03018271A3; WO9108867A1; EP1818142A2; WO9609143A1; WO9520339A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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EP 82100805 A 19820204; AT 82100805 T 19820204; CA 395628 A 19820205; US 34619482 A 19820205