

Title (en)
Handle fastening system for locks

Title (de)
Handgriffbefestigungssystem für Schlösser

Title (fr)
Système de fixation de poignée pour serrures

Publication
EP 1705319 A3 20070509 (EN)

Application
EP 06380055 A 20060321

Priority
ES 200500643 A 20050321

Abstract (en)
[origin: EP1705319A2] The handles are of the type that are fixed to the square-section shaft of the lock by means of a radial screw. According to the invention the end of the square-section shaft (1) has a threaded axial hole (3) for a securing screw (8) of an elastic laminar element (4) folded into a "U", the core of which contains a passage hole for the screw (8) and its arms (5) are located in separate recesses (6) of two opposing faces of that shaft (1). The bottom of the recesses (6) has a "V" shaped section and there is a longitudinal groove (9) along the edge. The radial screw (10) has a protuberance (11) which elastically arches the arm (5) and afterwards pierces it and bites into the walls of the groove (9). This arrangement axially and radially locks the handle (2).

IPC 8 full level
E05B 3/04 (2006.01)

CPC (source: EP ES)
E05B 3/04 (2013.01 - EP ES)

Citation (search report)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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