

Title (en)
SCREW FASTENING DEVICE

Publication
EP 0076725 B1 19850320 (FR)

Application
EP 82401725 A 19820923

Priority
FR 8118309 A 19810929

Abstract (en)
[origin: EP0076725A1] 1. A pin staple with screw comprising an outer body (6) carrying a central rotatably locked shank (9), a spring (8) between said body and a nut (11) on a threaded portion of said central shank which is, moreover, narrower in its terminal portion, a pair of staple branches (1 and 2) crimped in the other terminal portion of said central shank, a spreader (3) lying between said staple branches and an application washer (10) of the nut upon the spring, said staple being characterized in that the outer body (6) comprises a lower portion of plastics material (6b) and an upper metallic portion (6a) having an outer hexagonal socket head (6a) and an inner recess (16) therein as well as a threading (13) of the artillery type in its central area, said upper portion (6a) being axially fitted according to its central threaded area into the lower plastics portion (6b), whereby such fitting causes - in addition to the securement of both portions (6a and 6b) - immobilization of the branches (1 and 2) and of the spreader (3) by bringing into application the branches (3a and 3b) of the spreader, first against a first washer (14) located between the end of the upper portion (6a) and the inner bottom of the lower portion (6b), then against a second washer (15) located against the inner recess (16) in the upper portion (6a).

IPC 1-7
B25B 31/00

IPC 8 full level
B25B 27/08 (2006.01); **B25B 31/00** (2006.01)

CPC (source: EP)
B25B 31/005 (2013.01)

Cited by
CN106181862A; EP1450053B2

Designated contracting state (EPC)
BE DE GB IT SE

DOCDB simple family (publication)
EP 0076725 A1 19830413; EP 0076725 B1 19850320; CA 1204309 A 19860513; DE 3262690 D1 19850425; FR 2513708 A1 19830401; FR 2513708 B1 19840106; IL 66859 A0 19821231; IL 66859 A 19861231; JP S5866674 A 19830420

DOCDB simple family (application)
EP 82401725 A 19820923; CA 412461 A 19820929; DE 3262690 T 19820923; FR 8118309 A 19810929; IL 6685982 A 19820924; JP 16946182 A 19820928