

Title (en)
Button with integrated seal

Title (de)
Knopf mit integrierer Dichtung

Title (fr)
Bouton avec un étanche intégré

Publication
EP 0525276 B1 19971126 (EN)

Application
EP 91830343 A 19910801

Priority
EP 91830343 A 19910801

Abstract (en)
[origin: EP0525276A1] It is foreseen a button formable for initial setting out, on the hollow bottom of a boasting face (1) of a thermoplastic seal with central separator part (2), with upward balanced curvature, for obstructing the opening (3) of the same bottom. Said seal comes out from said opening (3) with pressing notches system (4) determining a surface radial pattern (5) on the same plane, insisting on cloth to protect it from driving effect in fabrication phase and to permit the button permanent junction, centrally forming the centring structure (6) to direct the nail penetration. Said seal is held on bottom from its superior bucket part (7) with radial holding on the initial wall part. On the upper part the toothed form (8) of the alloy core base (9) determines an overall constraint seat making by channel (10), with initial conversion hollow to act as guide for nail penetration, and by terminal (11), with spherical sector in introduction wider than said channel, to permit during the nail sharp hollow part (12) deformation the blocking realization by its incorporation being impossible the interchange for unthreading. The button completion is attainable by cap (13) application.
<IMAGE>

IPC 1-7
A44B 1/08; **A44B 1/28**

IPC 8 full level
A44B 1/08 (2006.01); **A44B 1/44** (2006.01)

CPC (source: EP)
A44B 1/08 (2013.01); **A44B 1/44** (2013.01)

Cited by
EP0726039A3; CN102869280A; FR2713083A1; WO2011132255A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0525276 A1 19930203; **EP 0525276 B1 19971126**; AT E160488 T1 19971215; DE 69128281 D1 19980108; DE 69128281 T2 19980618; ES 2111558 T3 19980316

DOCDB simple family (application)
EP 91830343 A 19910801; AT 91830343 T 19910801; DE 69128281 T 19910801; ES 91830343 T 19910801