

Title (en)
SNAP FASTENER CLOSURE

Title (de)
DRUCKKNOPFVERSCHLUSS

Title (fr)
FERMETURE A BOUTONS-PRESSION

Publication
EP 0824327 B1 20011107 (DE)

Application
EP 96914981 A 19960424

Priority
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Abstract (en)
[origin: WO9635344A1] In snap fastener closures, the convex part should be as easy as possible to couple to a socket part (20) but they should be difficult to uncouple. The socket part (20) consists of a slide (30) movable in the longitudinal direction in a housing (23) and forked inside the housing into two branches. Both branches consist of sections (31, 32) with different profiles in relation to the closure head (12) of the convex part. One section (31) locks and the other section (32) releases the closure head (12). In order to easily couple both parts, the locking section (31) is arranged at the free ends of both slide branches, so that they are elastically spread apart. When the closure head (12) of the convex part is inserted between both slide branches, it is elastically and automatically coupled therebetween. Said section (31) acts then as a coupling section. One slide branch has a bent extension (36) that acts as a spring on the slide (30) and keeps its coupling section (31) aligned with a hole through which the closure head (12) is inserted into the housing (23).

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A44B 17/00

IPC 8 full level
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WO 9635344 A1 19961114; AT E208150 T1 20011115; AU 5692196 A 19961129; DE 19517010 A1 19961114; DE 19517010 C2 19980319; EP 0824327 A1 19980225; EP 0824327 B1 20011107; JP H11509109 A 19990817; US 5894641 A 19990420

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