

Title (en)

Separable bottom-end-stop assembly for separable slide fastener.

Title (de)

Unteres Endglied für einen trennbaren Reissverschluss.

Title (fr)

Butée d'extrémité inférieure pour fermeture à glissière du type séparable.

Publication

**EP 0116880 A1 19840829 (EN)**

Application

**EP 84101072 A 19840202**

Priority

- JP 1383483 U 19830202
- JP 12098283 U 19830803

Abstract (en)

A separable bottom-end-stop assembly (100) of thermoplastic synthetic resin, for a separable slide fastener, comprises a pair of first and second separate pin members (5), (6), and a socket member (4) for being secured to the first pin member (5), the socket member (4) having a pair of first and second bores (15) (16) receptive of the first and second pin members (5), (6), respectively. The first pin member (5) has on its opposite faces a pair of recesses (25), (25), and the socket member (4) has a pair of opposed projections (18), (18) extending into the first bore (15). In assembling, the projections (18), (18) of the socket member (4) are received in the respective recesses (25), (25) of the first pin member (5) when the latter is inserted into the socket member's first bore (15). Because of this projection-and-recess locking, the first pin member (5) can be kept exactly in position relative to the socket member (4) while these two members (4), (5) are joined together by fusing.

IPC 1-7

**A44B 19/38**

IPC 8 full level

**A44B 19/38** (2006.01)

CPC (source: EP KR)

**A44B 19/38** (2013.01 - EP); **A44B 19/44** (2013.01 - KR)

Citation (search report)

- [X] CH 626241 A5 19811113 - AMMER ALFRED [CH]
- [X] US 4112553 A 19780912 - WEITZNER JONAS
- [A] DE 2010626 A1 19710923
- [A] FR 2082871 A5 19711210 - FFLB
- [A] US 2474908 A 19490705 - MORIN LOUIS H

Cited by

EP0893076A3; EP0704177A1; US5638585A; EP0303217A1

Designated contracting state (EPC)

BE CH DE FR IT LI NL SE

DOCDB simple family (publication)

**EP 0116880 A1 19840829; EP 0116880 B1 19861015**; AU 2401184 A 19840809; AU 544769 B2 19850613; BR 8400461 A 19840911; CA 1218832 A 19870310; DE 3460928 D1 19861120; GB 2136497 A 19840919; GB 2136497 B 19860219; GB 8402526 D0 19840307; HK 72888 A 19880923; KR 840006080 U 19841130; KR 850002852 Y1 19851204; SG 91587 G 19880506

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