

Title (en)
SLIDE FASTENER STRINGER

Publication
EP 0083072 A3 19841128 (EN)

Application
EP 82111899 A 19821222

Priority
JP 19776181 U 19811225

Abstract (en)
[origin: EP0083072A2] A slide fastener stringer (10) has a special core cord (19) extending through a tunnel-like space in a row of coiled coupling elements (12) and sewn together with the latter to a stringer tape (11). The core cord (19) comprises at least one twisted thread having a plurality of textured multifilament yarns which is bulky, stretchable, substantially uniform in diameter and free of lint.

IPC 1-7
A44B 19/12; **A44B 19/34**

IPC 8 full level
A44B 19/12 (2006.01); **A44B 19/34** (2006.01); **A44B 19/40** (2006.01)

CPC (source: EP KR)
A44B 19/12 (2013.01 - EP); **A44B 19/34** (2013.01 - EP); **A44B 19/40** (2013.01 - KR)

Citation (search report)

- [A] GB 1385998 A 19750305 - YOSHIDA KOGYO KK
- [A] GB 889735 A 19620221 - WALTER ERICH HEILMANN
- [A] US 3047923 A 19620807 - HUGO WILCKEN
- [A] FR 2288806 A1 19760521 - YOSHIDA KOGYO KK [JP], et al
- [A] DE 1610372 A1 19710325 - OPTI HOLDING AG

Cited by
EP0292947A1; US4924560A

Designated contracting state (EPC)
BE CH DE FR IT LI NL SE

DOCDB simple family (publication)
EP 0083072 A2 19830706; **EP 0083072 A3 19841128**; **EP 0083072 B1 19870304**; AU 536555 B2 19840510; AU 9177382 A 19830811; BR 8207522 A 19831025; CA 1225513 A 19870818; DE 3275497 D1 19870409; DE 83072 T1 19831027; ES 269401 U 19830616; ES 269401 Y 19840116; GB 2112453 A 19830720; GB 2112453 B 19850619; HK 68388 A 19880909; JP S5898809 U 19830705; JP S6239711 Y2 19871009; KR 840002650 Y1 19841215; KR 840002904 U 19840720; MY 8700413 A 19871231; ZA 829323 B 19830928

DOCDB simple family (application)
EP 82111899 A 19821222; AU 9177382 A 19821222; BR 8207522 A 19821220; CA 418203 A 19821221; DE 3275497 T 19821222; DE 82111899 T 19821222; ES 269401 U 19821224; GB 8236884 A 19821230; HK 68388 A 19880901; JP 19776181 U 19811225; KR 820010023 U 19821214; MY 8700413 A 19871230; ZA 829323 A 19821220