

Title (en)
SEPARABLE SLIDE FASTENER

Publication
EP 0179368 B1 19910710 (EN)

Application
EP 85112920 A 19851011

Priority
JP 16125084 U 19841025

Abstract (en)
[origin: EP0179368A2] A separable slide fastener includes a pair of stringer tapes (11, 12) made of a pliable thread-free material such as nonwoven fabrics, a pair of rows of coupling elements (13, 14) on the respective stringer tapes, a separable end assembly (19) connected to bottom end portions of the stringer tapes, and reinforcement strips (23, 23) extending longitudinally over at least one side of the respective stringer tapes from the bottom end portions, respectively. The reinforcement strips (23, 23) have a length greater than that of the bottom end assembly (19), with the result that portions of the stringer tape contiguous to the upper end of the end assembly are prevented from being bent or stretched even after repeated operation of the fastener.

IPC 1-7
A44B 19/38; **A44B 19/34**

IPC 8 full level
A44B 19/34 (2006.01); **A44B 19/38** (2006.01); **A44B 19/40** (2006.01)

CPC (source: EP KR)
A44B 19/34 (2013.01 - EP); **A44B 19/38** (2013.01 - EP); **A44B 19/40** (2013.01 - KR)

Cited by
EP0960581A3; US7921526B2

Designated contracting state (EPC)
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EP 0179368 A2 19860430; **EP 0179368 A3 19880120**; **EP 0179368 B1 19910710**; AU 4856585 A 19860529; AU 556318 B2 19861030; BR 8505404 A 19860805; CA 1284574 C 19910604; DE 3583424 D1 19910814; ES 289787 U 19860301; ES 289787 Y 19861016; GB 2166797 A 19860514; GB 8525432 D0 19851120; JP H0122507 Y2 19890705; JP S6175713 U 19860522; KR 860004281 U 19860501; KR 870001809 Y1 19870516; MY 102466 A 19920630

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