

Title (en)
Fastener product made of hydrolysis-resistant synthetic resin

Title (de)
Hydrolysebeständiges Harz für Verschlussvorrichtung

Title (fr)
Produit d'attachage en résine synthétique résistante à l'hydrolyse

Publication
EP 1269876 B1 20091209 (EN)

Application
EP 02254526 A 20020627

Priority
JP 2001194563 A 20010627

Abstract (en)
[origin: EP1269876A2] In a fastener product made of a synthetic resin such as a slide fastener, a separable fastener and a snap tape comprising an attachment part and an engagement part, at least the engagement part is made of a hydrolysis-resistant synthetic resin. Preferably, the hydrolysis-resistant synthetic resin is polyester having a carbodiimide-based hydrolytic stabilizing agent incorporated therein. In a slide fastener (1-1c) having a pair of fastener tapes (3-3i) and coupling elements (4-4i) fixed to the longitudinal edges of the fastener tapes, they are made of a hydrolysis-resistant synthetic resin material. When the slide fastener further comprises upper and lower stop members (7, 8), a pin-and-box separator (10), a pair of reinforcing sheet-like members (9), sewing threads (21) and core cords (20), they are made of the hydrolysis-resistant synthetic resin material.
<IMAGE>

IPC 8 full level
A44B 19/00 (2006.01); **A44B 19/32** (2006.01); **A44B 17/00** (2006.01); **A44B 18/00** (2006.01)

CPC (source: EP KR US)
A44B 17/0029 (2013.01 - EP US); **A44B 18/0069** (2013.01 - EP US); **A44B 19/00** (2013.01 - EP US); **A44B 19/32** (2013.01 - KR); **Y10T 24/2561** (2015.01 - EP US); **Y10T 24/2792** (2015.01 - EP US)

Cited by
EP1785051A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 1269876 A2 20030102; **EP 1269876 A3 20030618**; **EP 1269876 B1 20091209**; CN 1208006 C 20050629; CN 1393190 A 20030129; DE 60234663 D1 20100121; ES 2334645 T3 20100315; HK 1051126 A1 20030725; JP 2003009913 A 20030114; KR 100851446 B1 20080808; KR 20030004084 A 20030114; US 20030000051 A1 20030102

DOCDB simple family (application)
EP 02254526 A 20020627; CN 02124938 A 20020626; DE 60234663 T 20020627; ES 02254526 T 20020627; HK 03103475 A 20030516; JP 2001194563 A 20010627; KR 20020036405 A 20020627; US 17959702 A 20020624