

Title (en)

Fastening system, in particular as button or closing replacement

Title (de)

Befestigungssystem, insbesondere als Knopf- oder Schließenersatz

Title (fr)

Système de fixation, notamment sous forme de remplacement de bouton de fermeture

Publication

**EP 2740380 A3 20150527 (DE)**

Application

**EP 13005284 A 20131108**

Priority

DE 102012023920 A 20121206

Abstract (en)

[origin: US2014101901A1] 1. A fastening system, in particular as a button or fastener substitute. 2. A fastening system, in particular as a button or fastener substitute, consisting of at least two active partners (6, 8), characterized in that each active partner (6, 8) has at least two different types of hook-and-loop fastener elements, which are detachably connectable to corresponding, complementary hook-and-loop fastener elements of the other active partner (6, 8).

IPC 8 full level

**A44B 18/00** (2006.01)

CPC (source: EP US)

**A44B 18/0003** (2013.01 - EP US); **A44B 18/0073** (2013.01 - US); **A44B 18/0088** (2013.01 - EP US); **A41D 2300/326** (2013.01 - EP US); **Y10T 24/2708** (2015.01 - EP US); **Y10T 24/2742** (2015.01 - EP US)

Citation (search report)

- [XAI] US 4672722 A 19870616 - MALAMED JOSEF [US]
- [XAI] US 5231738 A 19930803 - HIGASHINAKA YAKITOSHI [JP]
- [X] WO 0143684 A1 20010621 - KIMBERLY CLARK CO [US]
- [X] US 3464094 A 19690902 - MATES JACK K
- [X] US 2004058121 A1 20040325 - SCHRIEFER TAVIS D [US], et al
- [X] FR 2830726 A1 20030418 - MIGNARD JEAN [FR]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**US 2014101901 A1 20140417**; **US 9125457 B2 20150908**; DE 102012023920 A1 20140612; EP 2740380 A2 20140611; EP 2740380 A3 20150527; EP 2740380 B1 20160413

DOCDB simple family (application)

**US 201314090254 A 20131126**; DE 102012023920 A 20121206; EP 13005284 A 20131108