

Title (en)  
HOOK AND LOOP FASTENER AND TEXTILE PRODUCTS

Title (de)  
KLETTVERSCHLUSS UND TEXTILPRODUKTE

Title (fr)  
BANDE VELCRO ET PRODUITS TEXTILES

Publication  
**EP 3391768 A1 20181024 (EN)**

Application  
**EP 16875322 A 20161116**

Priority  
• JP 2015243254 A 20151214  
• JP 2016083893 W 20161116

Abstract (en)  
The present invention addresses the problem of providing a hook and loop fastener that not only has excellent engaging properties but is also flexible, generates little ripping noise when the male part and female part are separated, is excellent for sewing to fabric or the like, and is very durable, and a textile product comprising the hook and loop fastener. A hook and loop fastener comprises a fabric A that has a resin layer and a napped fabric B that has a resin layer containing a napped portion and a ground structure portion.

IPC 8 full level  
**A44B 18/00** (2006.01); **D04B 1/04** (2006.01); **D04B 21/04** (2006.01); **D06M 15/263** (2006.01); **D06M 101/32** (2006.01)

CPC (source: EP KR US)  
**A44B 18/00** (2013.01 - EP US); **A44B 18/0011** (2013.01 - US); **A44B 18/0023** (2013.01 - US); **A44B 18/0069** (2013.01 - KR); **D03D 13/004** (2013.01 - EP); **D03D 13/008** (2013.01 - EP); **D03D 15/292** (2021.01 - EP KR US); **D03D 15/33** (2021.01 - EP); **D03D 15/47** (2021.01 - EP KR US); **D03D 27/02** (2013.01 - EP); **D04B 1/04** (2013.01 - EP KR US); **D04B 21/04** (2013.01 - EP KR US); **D06M 15/263** (2013.01 - EP KR US); **D06N 3/0009** (2013.01 - US); **D06N 3/0036** (2013.01 - US); **D06N 3/0088** (2013.01 - US); **D06N 3/042** (2013.01 - US); **A41D 10/00** (2013.01 - US); **A41D 2300/32** (2013.01 - US); **D06N 2201/02** (2013.01 - US); **D06N 2203/041** (2013.01 - US); **D10B 2331/04** (2013.01 - US); **D10B 2501/0632** (2013.01 - EP)

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)  
**EP 3391768 A1 20181024**; **EP 3391768 A4 20200715**; AU 2016370986 A1 20180621; CA 3008209 A1 20170622; CN 108697207 A 20181023; JP 6775526 B2 20201028; JP WO2017104338 A1 20180927; KR 20180093911 A 20180822; TW 201731412 A 20170916; TW I731000 B 20210621; US 2018360169 A1 20181220; WO 2017104338 A1 20170622

DOCDB simple family (application)  
**EP 16875322 A 20161116**; AU 2016370986 A 20161116; CA 3008209 A 20161116; CN 201680073508 A 20161116; JP 2016083893 W 20161116; JP 2017556430 A 20161116; KR 20187015920 A 20161116; TW 105138902 A 20161125; US 201615781772 A 20161116