

Title (en)
FASTENER ELEMENT

Title (de)
BEFESTIGUNGSELEMENT

Title (fr)
ÉLÉMENT DE FIXATION

Publication
EP 2394525 B1 20181226 (EN)

Application
EP 09839632 A 20090204

Priority
JP 2009051848 W 20090204

Abstract (en)
[origin: EP2394525A1] A fastener element (10, 10', 40) according to the invention includes a coupling head (11, 41) and a bifurcated tape-sandwiching portion (21, 21', 51) extending from the coupling head (11, 41). At least one sticking preventing convex portion (24, 54) is projectingly disposed on at least one surface of sticking surfaces where the fastener elements stick to each other when the fastener element (10, 10', 40) is subjected to liquid processing. Thus, when the liquid processing, such as a coating process is performed on a plurality of fastener elements (10, 10', 40), a phenomenon that the fastener elements strongly stick to each other due to the surface contact of the first element surfaces and do not separate from each other is prevented, and thus processing, such as coating can be uniformly performed on the entire fastener element. For such a reason, it is possible to prevent the occurrence of coating failure or uneven quality in the fastener element.

IPC 8 full level
A44B 19/06 (2006.01)

CPC (source: EP)
A44B 19/06 (2013.01); **B21D 53/52** (2013.01)

Cited by
CN103341667A; EP3711876A4

Designated contracting state (EPC)
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 SE SI SK TR

DOCDB simple family (publication)
EP 2394525 A1 20111214; EP 2394525 A4 20170503; EP 2394525 B1 20181226; CN 102307490 A 20120104; CN 102307490 B 20140730; JP 5269106 B2 20130821; JP WO2010089854 A1 20120809; TW 201029766 A 20100816; TW I366447 B 20120621; WO 2010089854 A1 20100812

DOCDB simple family (application)
EP 09839632 A 20090204; CN 200980156084 A 20090204; JP 2009051848 W 20090204; JP 2010549296 A 20090204; TW 98122083 A 20090630