

Title (en)
DOUBLE-SIDED ADHESIVE STRIP WITH A HIGHER BEARING FORCE

Title (de)
DOPPELSEITIGER KLEBESTRIP MIT HOHER TRAGKRAFT

Title (fr)
BANDE ADHESIVE DOUBLE FACE A FORCE PORTANTE ELEVEE

Publication
EP 1809715 A1 20070725 (DE)

Application
EP 05801986 A 20051104

Priority
• EP 2005011829 W 20051104
• DE 102004054846 A 20041112

Abstract (en)
[origin: WO2006050863A1] The invention relates to an adhesive strip that is coated on both sides with a contact adhesive, said strip comprising a support with a first and a second surface for gluing two objects. The invention is characterised in that one of the surfaces of the support is connected in a fixed manner to a layer A, which when in use is essentially not ductile and the other opposite surface of the support is connected in a fixed manner to a layer B. The two external faces of the layers A and B are coated with a contact adhesive. The adhesive strip on the support can be split into two parts by the action of rotative or shear forces, said parts adhering to the two glued objects. Said parts can be respectively removed from the glued object by being pulled at an angle greater than 45° in relation to the object surface.
[origin: WO2006050863A1] The adhesive strip support is splited into two parts by rotative or shear forces, which is adhered to the two objects and the parts are removed from the adhesive at an angle below 10[deg] of 0.2 kg/cm² strip. The adhesion between the layers and the carrier is larger than the surfaces of the objects. The carrier (1) has a thickness of 50 µm-5 mm. The layers are identical or different type and consist of an aluminum foil. An independent claim is also included for a re-detachable, self-adhesive hook or mounting device.

IPC 8 full level
B32B 15/08 (2006.01); **B32B 15/20** (2006.01); **B32B 27/06** (2006.01); **B32B 27/32** (2006.01); **C09J 7/29** (2018.01)

CPC (source: EP US)
A47G 1/17 (2013.01 - EP US); **B32B 5/18** (2013.01 - EP US); **B32B 7/12** (2013.01 - EP US); **B32B 15/046** (2013.01 - EP US); **B32B 15/20** (2013.01 - EP US); **B32B 27/065** (2013.01 - EP US); **B32B 27/32** (2013.01 - EP US); **B32B 27/38** (2013.01 - EP US); **C09J 7/29** (2017.12 - EP US); **B32B 2250/40** (2013.01 - EP US); **B32B 2255/06** (2013.01 - EP US); **B32B 2255/10** (2013.01 - EP US); **B32B 2255/26** (2013.01 - EP US); **B32B 2266/025** (2013.01 - EP US); **B32B 2266/0278** (2013.01 - EP US); **B32B 2307/51** (2013.01 - EP US); **B32B 2405/00** (2013.01 - EP US); **C09J 2301/124** (2020.08 - EP US); **C09J 2301/162** (2020.08 - EP US); **C09J 2400/163** (2013.01 - EP US); **C09J 2400/243** (2013.01 - EP US); **C09J 2400/263** (2013.01 - EP US); **C09J 2423/006** (2013.01 - EP US); **C09J 2467/006** (2013.01 - EP US); **C09J 2475/006** (2013.01 - EP US); **C09J 2477/006** (2013.01 - EP US); **Y10T 428/249953** (2015.04 - EP US); **Y10T 428/249982** (2015.04 - EP US); **Y10T 428/28** (2015.01 - EP US); **Y10T 428/2804** (2015.01 - EP US); **Y10T 428/2848** (2015.01 - EP US)

Citation (search report)
See references of WO 2006050863A1

Citation (examination)
• EP 0845515 A2 19980603 - BEIERSDORF AG [DE]
• US 6254994 B1 20010703 - HUBBARD MICHAEL A [US], et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006050863 A1 20060518; DE 102004054846 A1 20060524; EP 1809715 A1 20070725; US 2007207311 A1 20070906

DOCDB simple family (application)
EP 2005011829 W 20051104; DE 102004054846 A 20041112; EP 05801986 A 20051104; US 74743407 A 20070511