

Title (en)

STRETCHED THERMOPLASTIC RESIN FOR GLUING METAL PARTS TO PLASTICS, GLASS AND METALS, AND METHOD FOR THE PRODUCTION THEREOF

Title (de)

VERSTRECKTE THERMOPLASTE ZUR VERKLEBUNG VON METALLTEILEN AUF KUNSTSTOFFEN, GLÄSERN UND METALLEN UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)

THERMOPLASTES ÉTIRÉS POUR COLLAGE DE PIÈCES MÉTALLIQUES SUR DES MATIÈRES PLASTIQUES, DES VERRES, ET DES MÉTAUX, ET LEUR PROCÉDÉ DE FABRICATION

Publication

EP 2285926 A1 20110223 (DE)

Application

EP 09782188 A 20090826

Priority

- EP 2009060964 W 20090826
- DE 102008060415 A 20081205
- DE 102009014387 A 20090326

Abstract (en)

[origin: WO2010063498A1] The invention relates to a method for producing stretched, 2-dimensional adhesives based on heat-activatable thermoplastic resins and to corresponding stretched adhesives, and to the use thereof for gluing metal parts to plastics for portable consumer electronics articles. According to the invention, the use is based on the usage of specialized thermoplastic heat-activatable films for fastening metal parts onto plastic parts. By using and applying the specially treated thermoplastic resins, processing and the properties of adhesion are improved.

IPC 8 full level

C09J 7/02 (2006.01); **B29C 48/305** (2019.01); **B29C 55/02** (2006.01); **B29C 55/06** (2006.01)

CPC (source: EP KR US)

B29C 55/023 (2013.01 - EP KR US); **B29C 55/06** (2013.01 - EP US); **B29C 55/065** (2013.01 - KR); **C09J 5/06** (2013.01 - KR); **C09J 7/22** (2018.01 - KR); **C09J 7/30** (2018.01 - KR); **C09J 7/35** (2018.01 - KR); **B29K 2067/00** (2013.01 - EP US); **B29K 2067/046** (2013.01 - EP US); **C09J 2203/00** (2013.01 - KR); **C09J 2301/16** (2020.08 - KR); **C09J 2301/40** (2020.08 - KR); **C09J 2301/50** (2020.08 - KR); **Y10T 156/10** (2015.01 - EP US); **Y10T 428/28** (2015.01 - EP US)

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 SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2010063498 A1 20100610; CN 102089397 A 20110608; EP 2285926 A1 20110223; JP 2012511066 A 20120517; KR 20110097611 A 20110831; TW 201022396 A 20100616; US 2012003468 A1 20120105

DOCDB simple family (application)

EP 2009060964 W 20090826; CN 200980127125 A 20090826; EP 09782188 A 20090826; JP 2011538912 A 20090826; KR 20107027885 A 20090826; TW 98133921 A 20091007; US 99696009 A 20090826