

Title (en)

ADHESIVE SHEET BASED ON NITRILE RUBBER BLENDS FOR ATTACHING METAL PARTS TO PLASTICS

Title (de)

KLEBSTOFFFOLIE AUF BASIS VON NITRILKAUTSCHUK-BLENDS ZUR FIXIERUNG VON METALLTEILEN AUF KUNSTSTOFFEN

Title (fr)

FILM ADHESIF A BASE DE MELANGES DE CAOUTCHOUC NITRILE DESTINE A LA FIXATION D'ELEMENTS METALLIQUES SUR DES MATIERES PLASTIQUES

Publication

EP 1913107 A1 20080423 (DE)

Application

EP 06778009 A 20060727

Priority

- EP 2006064714 W 20060727
- DE 102005035905 A 20050728

Abstract (en)

[origin: WO2007012656A1] Heat-activable adhesive sheet furnished with an adhesive comprising a blend of at least three synthetic nitrile rubbers, S1, S2 and S3, and at least one reactive resin which is capable of crosslinking with itself, with other reactive resins and/or with the nitrile rubbers S1, S2 and S3, a) the blend of the heat-activable sheet being microphase-separated, characterized by at least three different glass transition temperatures in the DSC, b) the blend of the heat-activable sheet possessing at least 3 glass transition temperatures, at least one glass transition temperature being greater than 10°C and one glass transition temperature lower than -20°C, c) the nitrile rubber or rubbers S1 having an acrylonitrile fraction of greater than/equal to 35%, d) the nitrile rubber or rubbers S2 having an acrylonitrile fraction of greater than 25% and less than 35%, e) the nitrile rubber or rubbers S3 having an acrylonitrile fraction of less than/equal to 25%.

IPC 8 full level

C09J 7/10 (2018.01); **C09J 109/02** (2006.01)

CPC (source: EP KR US)

C08L 9/02 (2013.01 - EP US); **C09J 7/10** (2017.12 - EP US); **C09J 123/36** (2013.01 - KR); **C08L 63/00** (2013.01 - EP US); **C08L 2205/02** (2013.01 - EP US); **C09J 2409/00** (2013.01 - EP US); **Y10T 428/2813** (2015.01 - EP US)

Citation (search report)

See references of WO 2007012656A1

Citation (examination)

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