

Title (en)

ADHESIVE MATERIAL WITH CARBON MATERIAL AND METHOD FOR ITS PRODUCTION AND USE

Title (de)

KLEBSTOFFMATERIAL MIT KOHLENSTOFFMATERIAL SOWIE VERFAHREN ZU DESSEN HERSTELLUNG UND VERWENDUNG

Title (fr)

MATÉRIAU ADHÉSIF RENFERMANT UN MATÉRIAU CARBONÉ, ET PROCÉDÉ POUR SA PRODUCTION ET UTILISATION

Publication

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Application

**EP 12705095 A 20120210**

Priority

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Abstract (en)

[origin: WO2012107548A1] The present invention relates to an adhesive material, more particularly an electrically and/or thermally and/or radiation-curing or curable adhesive material, comprising at least one adhesive component and/or adhesive matrix, and further comprising at least one additive in the form of a carbon material which is situated in the adhesive component and/or adhesive matrix, the said carbon material being based more particularly on carbon nanomaterials and/or carbon micromaterials. The invention further relates to a method for producing, activating and/or curing an adhesive material. The invention lastly relates as well to a method for adhesively bonding two substrates.

IPC 8 full level

**C09J 5/06** (2006.01); **C09J 11/04** (2006.01); **H01B 1/24** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2012107548A1

Citation (examination)

- EP 2594613 A2 20130522 - HANWHA CHEMICAL CORP [KR]
- TAKAHASHI N: "Carbon nanoparticle aqueous dispersion liquid for coating film, is obtained by dispersing carbon nanoparticles having preset thickness and length and hydrated alumina particles in aqueous medium in presence of water-soluble acid", WPI / THOMSON,, vol. 2010, no. 65, 9 September 2010 (2010-09-09), XP002722755 & JP 2010195671 A 20100909 - KAWAKEN FINE CHEMICALS CO

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