

Title (en)
POLYURETHANE ELASTOMER ADHESIVELY CONNECTED TO POLYTETRAFLUORETHYLENE AND AN ELASTIC BEARING CONTAINING ONE SUCH POLYURETHANE ELASTOMER

Title (de)
POLYURETHANELASTOMER HAFTEND VERBUNDEN MIT POLYTETRAFLUORETHYLEN UND ELASTISCHES LAGER ENTHALTEND EIN SOLCHES POLYURETHANELASTOMER

Title (fr)
POLYURETHANE ELASTOMERE LIE PAR ADHERENCE A UN POLYTETRAFLUOROETHYLENE ET PALIER ELASTIQUE CONTENANT UN TEL POLYURETHANE ELASTOMERE

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Application
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Priority
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Abstract (en)
[origin: DE10225793A1] Polyurethane elastomer adhesively bonded with polytetrafluoroethylene by means of a reactive melt adhesive is new Independent claims are included for: (1) a method for preparation of the polyurethane (PU) elastomer involving application of ground reactive adhesive melt (GRAM) based on encapsulated isocyanates to the elastomer surface to be bonded and/or to the surface of a polytetrafluoroethylene (PTFE) film, melting of the GRAM at 30-90degreesC, fixing of this to the part to be bonded, activation of the GRAM by heating to a temperature exceeding 100degreesC, and by reaction of the GRAM the PTFE is bonded to the Polyurethane elastomer; (2) an elastic support containing the PU elastomer; (3) an automobile or freight vehicle containing the elastic support.

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IPC 8 full level
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