

Title (en)  
LASER ENGRAVABLE FLEXOGRAPHIC PRINTING ELEMENTS COMPRISING RELIEF-FORMING ELASTOMERIC LAYERS THAT CONTAIN SYNDIOTACTIC 1,2-POLYBUTADIENE

Title (de)  
LASERGRAVIERBARE FLEXODRUCKELEMENTE MIT RELIEFBILDENDEN ELASTOMEREN SCHICHTEN ENTHALTEND SYNDIOTAKTISCHES 1,2-POLYBUTADIEN

Title (fr)  
ELEMENT D'IMPRESSION PAR FLEXOGRAPHIE POUVANT ETRE GRAVE AU LASER COMPRENANT DES COUCHES ELASTOMERES EN RELIEF RENFERMANT DU 1,2-POLYBUTADIENE SYNDIOTACTIQUE

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Abstract (en)  
[origin: WO02083418A1] The invention relates to a laser engravable flexographic printing element, comprising an elastomeric, relief-forming, laser engravable, thermally and/or photochemically cross-linkable layer on a flexible dimensionally stable support. Said elastomeric layer contains as a binding agent at least 5 wt % syndiotactic 1,2-polybutadiene with a 1,2-linked butadiene unit content of between 80 and 100 %, a degree of crystallinity of between 5 and 30 % and an average molar mass of between 20,000 and 300,000 g/mol.

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