

Title (en)  
VISCOELASTIC MATERIAL

Title (de)  
ZAEHELASTISCHER WERKSTOFF

Title (fr)  
MATERIAU RESILIENT

Publication  
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Application  
**EP 04723487 A 20040326**

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Abstract (en)  
[origin: US2006004193A1] The invention relates to a tough-elastic material based on starch, which on the one hand has high impact toughness at low humidities, and on the other hand still has a high modulus of elasticity at high humidities and has a high elongation capacity in a broad range of humidities and on account of its property profile is suited to use as moulded elements such as for example for foils, films, fibres, injection-moulded articles, in particular as edible film and for the packaging of active ingredients, chemicals, aromas and perfumes as well as high-quality substitution of gelatine in the area of soft and hard capsules. The tough-elastic material can be obtained transparent and adjusted such that it dissolves on swelling in water or respectively disintegrates or remains intact.

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