

Title (en)

BIODEGRADABLE IMPACT-MODIFIED POLYMER COMPOSITIONS

Title (de)

BIOLOGISCH ABBAUBARE SCHLAGZÄHMODIFIZIERTE POLYMERZUSAMMENSETZUNGEN

Title (fr)

COMPOSITIONS DE POLYMÈRE BIODÉGRADABLE RÉSISTANTES AUX CHOCS

Publication

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Application

**EP 14839813 A 20140826**

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Abstract (en)

[origin: WO2015031315A1] The invention relates to an impact-modified bio-degradable polymer composition having large particle size impact modifiers dispersed in a continuous biodegradable polymer phase. The impact modifiers have a core-shell morphology and may have average sizes of greater than 250 nm. The impact-modified composition has good impact properties and low haze. The biodegradable polymer is preferably a polylactide or polyhydroxy butyrate. The composition comprises 30-99.9 weight percent of degradable polymer and 0.1 to 15 weight percent of one or more impact modifiers.

IPC 8 full level

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