

Title (en)

CLOSED-CELL POLYLACTIDE-BASED FOAM LAYER

Title (de)

GESCHLOSSENZELLIGE SCHAUMLAGE AUF BASIS VON POLYMILCHSÄURE

Title (fr)

COUCHE DE MOUSSE À ALVÉOLES FERMÉES À BASE D'ACIDE POLYLACTIQUE

Publication

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Application

EP 08716789 A 20080211

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Abstract (en)

[origin: WO2008098889A1] The invention relates to foam layers which are produced from a biodegradable polyester mixture, comprising i) 30 to 10% by weight, based on the total weight of components i to ii, of at least one polyester made of aliphatic and aromatic dicarboxylic acids and aliphatic diols, containing ii) 70 to 90% by weight, based on the total weight of components i to ii, of polylactide, and iii) 0.5 to 3% by weight, based on the total weight of components i to ii, of a nucleating agent, iv) 0 to 10% by weight of additives; and v) 0 to 50% by weight of inorganic or organic fillers, the foam layer consisting of closed cells to more than 70% and having a density of less than 35 g/l. The invention also relates to methods for producing said foam layers and to the use of the foam layers for producing molded articles and films and to molded parts and films that contain the foam layers according to the invention.

IPC 8 full level

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Citation (search report)

See references of WO 2008098889A1

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