Title (en)

BIODEGRADABLE COMPOSITIONS COMPRISING STARCH.

Title (de)

BIODEGRADIERBARE ZUSAMMENSETZUNGEN AUF BASIS VON STÄRKE.

Title (fr)

COMPOSITIONS BIODEGRADABLES CONTENANT DE L'AMIDON.

Publication

EP 0581843 A1 19940209 (EN)

Application

EP 92909925 A 19920313

Priority

- US 67124491 A 19910319
- US 69124591 A 19910425

Abstract (en)

[origin: WO9216584A1] There is provided a biodegradable composition as obtained from a melt comprising starch, a plasticizer and at least one member selected from alkenol homopolymers and/or alkenol copolymers which are combined under conditions sufficient to ensure uniform melt formation, characterized in that the at least one member is present in the composition at a concentration of from 10 to 120 parts per 100 parts of dry starch. The invention further relates to methods of making the composition, and to articles made from said composition.

Abstract (fr)

L'invention décrit une composition biodégradable s'obtenant à partir d'un mélange fondu comprenant de l'amidon, un plastifiant et au moins un constituant sélectionné parmi des homopolymères d'alkénol et/ou des copolymères d'alkénol combinés dans des conditions suffisant à assurer la constitution d'un mélange fondu uniforme et caractérisée par le fait que ledit constituant est présent dans ladite composition à une concentration se situant entre 10 et 120 parties par 100 parties d'amidon sec. L'invention se rapporte, de plus, à des procédés de fabrication de ladite composition, ainsi qu'à des articles fabriqués à partir de ladite composition.

IPC 1-7

C08L 3/02

IPC 8 full level

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DOCDB simple family (application)

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