

Title (en)

Polyvinyl alcohol film with retarded water-solubility, process for its preparation and its use in burying dead bodies.

Title (de)

Polyvinylalkoholfolie mit beschleunigter Wasserlöslichkeit, Verfahren zur Herstellung und Verwendung beim Begraben von Kadavern.

Title (fr)

Film d'alcool polyvinylique à dissolution aqueuse retardée, son procédé de fabrication et son application à l'ensevelissement de cadavres.

Publication

EP 0107576 A2 19840502 (FR)

Application

EP 83401991 A 19831012

Priority

FR 8217063 A 19821012

Abstract (en)

1. Method for the production of a device for burying dead bodies, comprising a polyvinyl alcohol film with retarded aqueous dissolution, obtained from a saponified polyvinyl alcohol resin, characterized in that a film is utilized such as : - its thickness is comprised between 30 and 100 μm ; - the basic polyvinyl alcohol resin contains a proportion by weight of residual unsaponified vinyl acetate which is comprised between 0,2 and 0,7% ; - said film comprises in its body a plasticizer and an anti-blocking agent ; and - before removal of water useful for aqueous dissolution, the composition by weight of said film is approximately as follows : - polyvinyl alcohol resin : from 45 to 60% - plasticizer : from 5 to 20% - anti-blocking agent : from 0,05 to 0,2% - water : amount sufficient for aqueous dissolution of the resin.

Abstract (fr)

Film d'alcool polyvinylique à dissolution aqueuse retardée, ayant une épaisseur comprise entre 30 et 100 μm et obtenu à partir de résine d'alcool polyvinylique contenant une proportion en poids d'acétate de vinyl résiduel, non saponifié, comprise entre 0,2 et 0,7%. Réalisation de linceuls, housses mortuaires, cuvettes de cercueil, etc... devant présenter une grande résistance mécanique pendant quelques dizaines de jours suivant leur mise en contact avec le corps d'un être mort, mais être entièrement biodégradés après quelques mois de ce contact.

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C08J 5/18; **A61G 17/06**

IPC 8 full level

A61G 17/06 (2006.01); **C08J 5/18** (2006.01)

CPC (source: EP US)

A61G 17/0136 (2017.04 - EP US); **A61G 17/06** (2013.01 - EP); **A61G 2203/90** (2013.01 - EP)

Cited by

US5885907A; US5891812A; US5470653A; USRE36399E; EP0619109A1; US5871679A; US5650219A; US6048410A; US5661217A; GB2268181A; US5620786A; US5707731A; GB2267711A; US5268222A; WO9604336A1; WO9425189A1

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