

Title (en)

ARRANGEMENT COMPRISING PLASTIC INGREDIENTS AND REINFORCEMENT.

Title (de)

ANORDNUNG, KUNSTSTOFFINGREDIENTEN UND EINE VERSTÄRKUNG ENTHALTEND.

Title (fr)

AGENCEMENT COMPRENANT DES INGREDIENTS PLASTIQUES ET UN RENFORCEMENT.

Publication

EP 0131015 A1 19850116 (EN)

Application

EP 84900317 A 19831214

Priority

SE 8207378 A 19821223

Abstract (en)

[origin: WO8402490A1] An arrangement (1) comprises plastics components (6) which are included in a foil-shaped cover (5) together with reinforcement (7). The cover is essentially air-evacuated. During manufacture the plastics components adopt a de-activated condition, in which a chemical process where the components form finish-reinforced plastics material is inhibited. By means of initiation organs the plastics components can also be brought into an activated state, in which the said process is initiated. The plastics components and reinforcement exhibit a residual air content which on average for the entire arrangement is less than about 0.5 percent by volume. The plastics components and reinforcement are applied between the cover portions forming the said cover in a vacuum chamber which is under marked vacuum. The cover components are sealed, preferably under vacuum, in order to form the arrangement and this is subsequently passed out of the chamber to surrounding atmospheric pressure. The arrangement has a relatively high content of reinforcement, can be activated preferably in the plane condition and has an intrinsic long storage life at ambient temperature.

Abstract (fr)

Un agencement ou un article semi-manufacturé comprend des ingrédients plastiques (6) et un renforcement contenus dans une couverture composée d'une pellicule plastique étroitement scellée (5). Ces ingrédients se composent d'un matériau de base contenu à l'intérieur de la couverture d'une manière étanche à l'humidité avec l'initiateur et l'activateur appropriés pour la polymérisation en nylon-6 ou copolymères de nylon-6. La polymérisation peut être déclenchée à une température dépassant considérablement la température ou les températures obtenue(s) pendant la fabrication et le stockage de l'agencement.

IPC 1-7

; **B29D 3/02**

IPC 8 full level

B29B 11/16 (2006.01); **B29B 15/08** (2006.01); **B29C 37/00** (2006.01); **B29C 70/06** (2006.01); **B29C 70/12** (2006.01); **B29C 70/50** (2006.01); **B29C 70/54** (2006.01); **C08J 5/04** (2006.01); **B29K 77/00** (2006.01); **B29L 31/30** (2006.01)

CPC (source: EP KR)

B29C 37/0064 (2013.01 - EP); **B29C 44/06** (2013.01 - KR); **B29C 44/12** (2013.01 - KR); **B29C 44/32** (2013.01 - KR); **B29C 70/12** (2013.01 - EP); **B29C 70/50** (2013.01 - EP); **B29C 70/542** (2013.01 - EP)

Designated contracting state (EPC)

AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)

WO 8402490 A1 19840705; EP 0131015 A1 19850116; EP 0134218 A1 19850320; ES 285338 U 19860416; ES 285338 Y 19861201; FI 843318 A0 19840822; FI 843318 A 19840822; IL 70501 A0 19840330; IT 1170063 B 19870603; IT 1170064 B 19870603; IT 8324380 A0 19831223; IT 8324381 A0 19831223; JP S60500284 A 19850307; JP S60500440 A 19850404; KR 840006930 A 19841204; NO 842890 L 19840713; OA 07785 A 19861120; WO 8402491 A1 19840705; ZA 839492 B 19840829

DOCDB simple family (application)

SE 8300452 W 19831214; EP 84900316 A 19831214; EP 84900317 A 19831214; ES 285338 U 19831222; FI 843318 A 19840822; IL 7050183 A 19831220; IT 2438083 A 19831223; IT 2438183 A 19831223; JP 50044284 A 19831214; JP 50045683 A 19831214; KR 830006124 A 19831223; NO 842890 A 19840713; OA 58357 A 19840802; SE 8300453 W 19831214; ZA 839492 A 19831221