



(86) Date de dépôt PCT/PCT Filing Date: 1995/10/03
(87) Date publication PCT/PCT Publication Date: 1996/05/02
(45) Date de délivrance/Issue Date: 2005/09/13
(85) Entrée phase nationale/National Entry: 1997/04/14
(86) N° demande PCT/PCT Application No.: US 1995/012590
(87) N° publication PCT/PCT Publication No.: 1996/012616
(30) Priorité/Priority: 1994/10/24 (08/328,300) US

(51) Cl.Int.⁶/Int.Cl.⁶ B32B 27/08

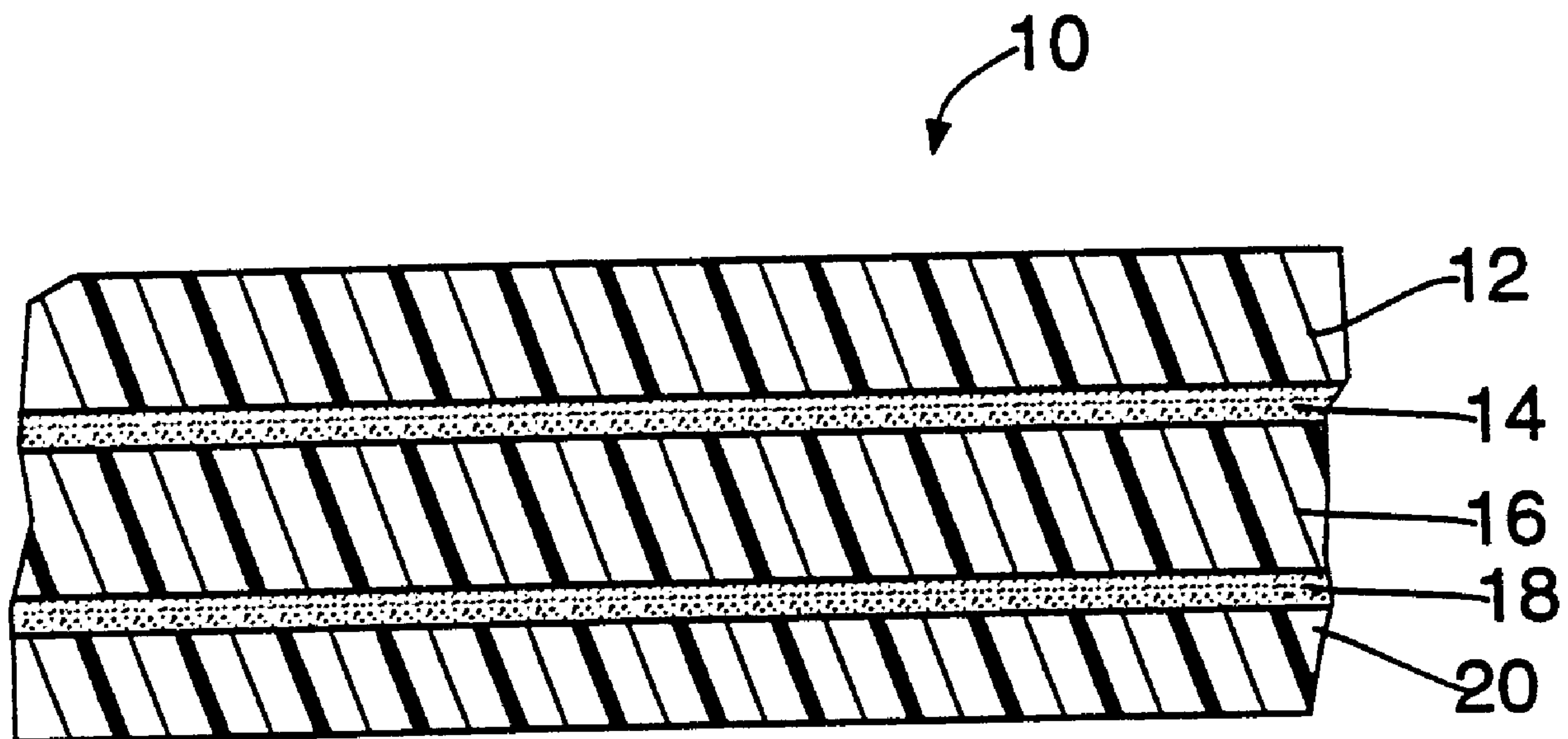
(72) Inventeurs/Inventors:
DEGRASSI, ALFIERI, US;
FRYER, JAMES IVAN, US;
HITZEL, ANDREW GERARD, US;
MATAS, MICHAEL STANLEY, US

(73) Propriétaire/Owner:
ALLIEDSIGNAL INC., US

(74) Agent: GOWLING LAFLEUR HENDERSON LLP

(54) Titre : FILMS POLYMERES STERILISABLES A CHAUD ET CONSTITUANT UNE BONNE BARRIERE CONTRE L'OXYGENE

(54) Title: RETORTABLE, HIGH OXYGEN BARRIER POLYMERIC FILMS



(57) Abrégé/Abstract:

A polymeric film having superior oxygen barrier properties comprising at least five layers with two exterior layers (12, 20) independently selected from the group consisting of an aliphatic polyamide and an aliphatic/aromatic polyamide, an interior layer (16) of ethylene vinyl alcohol copolymer or a blend of poly(m-xylylene adipamide) and ethylene vinyl alcohol copolymer, and a modified polyolefin adhesive layer (14, 18) between each exterior layer and the interior layer.

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ :**B32B 27/08****A1**

(11) International Publication Number:

WO 96/12616

(43) International Publication Date:

2 May 1996 (02.05.96)

(21) International Application Number: PCT/US95/12590

(22) International Filing Date: 3 October 1995 (03.10.95)

(30) Priority Data:

08/328,300

24 October 1994 (24.10.94)

US

(71) Applicant: ALLIEDSIGNAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(72) Inventors: DEGRASSI, Alfieri; P.O. Box 564, Pottsville, PA 17901 (US). FRYER, James, Ivan; 5 East Liberty, Schuylkill Haven, PA 17972 (US). HITZEL, Andrew, Gerard; R.D. #4, Chestnut Street, Box 4027, Pottsville, PA 17901 (US). MATAS, Michael, Stanley; 19 North Second Street, St. Clair, PA 17970 (US).

(74) Agent: CRISS, Roger, H.; AlliedSignal Inc., Law Dept. (C.A. McNally), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(81) Designated States: CA, JP, KR, MX, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).

Published*With international search report.**Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.*

(54) Title: RETORTABLE, HIGH OXYGEN BARRIER POLYMERIC FILMS

(57) Abstract

A polymeric film having superior oxygen barrier properties comprising at least five layers with two exterior layers (12, 20) independently selected from the group consisting of an aliphatic polyamide and an aliphatic/aromatic polyamide, an interior layer (16) of ethylene vinyl alcohol copolymer or a blend of poly(m-xylylene adipamide) and ethylene vinyl alcohol copolymer, and a modified polyolefin adhesive layer (14, 18) between each exterior layer and the interior layer.

