

Diego Gonzalez

Search history

Search tank and water and lid and body and blow and mould* (Results 259)

1:

Search STAC=(tank and water and lid and body and blow and mould*) (Results 5)

2:

Search [SP]: reivindicacoes 1) "caixa d agua fabricada pelo processo de moldagem por sopro", caracterizado por utilizar processo de extrusao e sopro, extrusion blow moulding, na fabricacao de caixas d'agua (1), corpo (1 a) e/ ou tampa (1 b) ou tanque (t) com polimeros. 2) "caixa d agua fabricada pelo processo de moldagem por sopro" de acordo com a reivindicacao 1 caracterizado pela maquina sopradora (2) ter um funil de alimentacao (3) contendo o polimero, que segue para plastificacao na rosca extrusora (4) que ao passar pelo cabecote (5), e matriz na forma de tubo origina o parison (6) o molde (7) e fechado e o ar comprimido (8) infla o tubo de parison o sistema de resfriamento solidifique o material dando o contorno da caixa d'agua (1) a pressao interna do molde e aliviada, e a caixa d'agua (1), corpo (1 a) e/ ou tampa (1 b) ou tanque (t) sao retirados. 3) "caixa d agua fabricada pelo processo de moldagem por sopro" de acordo com a reivindicacao 1 caracterizado pelo molde (7) assumir qualquer formato e dimensao. 4) "caixa d agua fabricada pelo processo de moldagem por sopro" de acordo com a reivindicacao 1 caracterizado por aplicar multicamadas na caixa d'agua (1), corpo (1 a) e/ ou tampa (1 b) ou tanque (t). 5) "caixa d agua fabricada pelo processo de moldagem por sopro" de acordo com a reivindicacao 1 caracterizado pela aplicacao em tanques e reservatorios de liquidos em geral. (Results 14)

Search STAC=(blow and mould* and extrusion and plastic) (Results 783)

4:

Search STAC=(blow and mould* and extrusion and plastic and matrix) (Results 23)

5:

Title: HYDRAULICALLY SETTABLE MIXTURES

Abstract: Compositions, methods and systems for manufacturing articles, including containers and packaging materials, from hydraulically settable and inorganically filled materials are disclosed. Suitable compositions are prepared by mixing together a hydraulically settable binder or organic binder, water, and appropriate additives, such as aggregates, fibers, and rheology-modifying agents, which impart predetermined properties so that an article formed therefrom has the desired performance criteria. The desired article can be molded from the mixture using a variety of molding processes including: die pressing, injection molding, **blow** molding, jigging, wet sheet molding, and dry sheet molding. The sheet forming processes require the mixture to first be fashioned into a sheet, such as by the use of an extruder (12) or rollers, after which the sheet is formed, it is hardened. Printed indicia and a coating can then be applied.

Classifications:

International (ipc 8-9): B05B11/00 B05C1/08 B05C3/18 B05C5/02 B28B1/00 B28B1/52 B28B11/00 B28B13/02 B28B13/06 B28B21/00 B28B23/00 B28B3/00 B28B3/02 B28B3/12 B28B3/20 B28B3/26 B28B7/42 B28C7/02 B29C43/00 B29C43/02 B29C43/08 B29C43/22 B29C43/24 B29C43/34 B29C43/36 B29C43/38 B29C43/46 B29C45/00 B29C49/00 B29C49/04 B29C49/06 B29C51/00 B29C51/04 B29C51/08 B29C51/10 B29C53/06 B29C53/58 B29C55/18 B29C65/00 B29C67/24 B29C70/50 B29C71/00 B31B17/00 B32B13/00 B32B13/02 B32B27/04 B32B27/20 B32B37/12 B32B5/02 B32B9/00 B65D1/00 B65D43/16 B65D65/38 B65D65/46 B65D79/00 C04B14/00 C04B16/00 C04B16/02 C04B18/00 C04B20/00 C04B24/00 C04B26/00 C04B26/02 C04B26/28 C04B28/00 C04B28/02 C04B38/00 C04B38/02 C04B40/00 C04B41/45 C04B41/61 C08J5/00 C08J5/18 C08L1/28 C08L3/00 C08L3/02 C08L5/02 C08L5/12 C08L5/14 C08L89/06 C08L97/02 E05D1/02 (Advanced/Invention); B05B11/00 B05C1/08 B05C3/18 B05C5/02 B29C43/08 B29C49/04 B29C51/08 B29C53/58 B29C65/00 B32B13/00 B32B37/12 C08J5/00 (Advanced/Non-invention); B28B1/00 B28B1/52 B28B11/00 B28B13/00 B28B23/00 B28B3/00 B28B3/02 B28B3/20 B28B3/26 B28B7/40 B28C7/00 B29C43/00 B29C43/02 B29C43/22 B29C43/24 B29C43/34 B29C43/36 B29C43/44 B29C45/00 B29C49/00 B29C49/06 B29C51/00 B29C51/10 B29C53/00 B29C55/18 B29C65/00 B29C67/24 B29C70/04 B29C71/00 B31B17/00 B32B13/00 B32B27/04 B32B27/20 B32B5/02 B32B9/00 B65D43/16 B65D65/38 B65D65/46 C04B16/00 C04B20/00 C04B24/00 C04B26/00 C04B28/00 C04B38/00 C04B38/02 C04B40/00 C04B41/45 C04B41/60 C08J5/00 C08J5/18 C08L1/00 C08L3/00 C08L5/00 C08L89/00 C08L97/00 E05D1/00 (Core/Invention); B05B11/00 B05C1/08 B05C3/00 B05C5/02 B29C43/04 B29C49/04 B29C51/08 B32B37/12 (Core/Non-invention)

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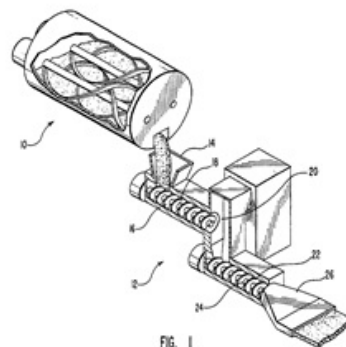
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**Family:**

Publication number	Publication date	Application number	Application date
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BRPI9405730 A	19951128	BR1994PI05730	19940217
CA2156050 AA	19950814	CA19942156050	19940217
CA2156050 C	20040511	CA19942156050	19940217
DE69431293 D1	20021010	DE19946031293	19940217
DE69431293 T2	20030430	DE19946031293T	19940217
EP0686082 A1	19951213	EP19940910770	19940217
EP0686082 A4	19980401	EP19940910770	19940217
EP0686082 B1	20020904	EP19940910770	19940217
JP8507035 T2	19960730	JP19940519317T	19940217
KR100309418 B1	20011217	KR19950703450	19950817
KR19960700880 A	19960224	KR19950703450	19940217
NZ263022 A	19971124	NZ19940263022	19940217
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Priority:

US19930019151 19930217 US19930095662 19930721 US19930101500 19930803
US19930152354 19931119 WO1994US02111 19940217

Probable Assignee: E

Assignee(s): (std): KHASHOGGI E IND

Assignee(s): ANDERSEN PER JUST ; E ; E KHASHOGGI IND ; E KHASHOGGI IND LLC ; E KHASHOGGI INDUSTRIES ;
E KHASHOGGI INDUSTRIES LLC ; HODSON SIMON K

Inventor(s): (std): ANDERSEN PER JUST ; HODSON SIMON K

Inventor(s): PER JUST ANDERSEN ; SIMON K HODSON ; HODSON K ; ANDERSEN JUST

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; CASSAN MACLEAN

Designated states: AT BE BF BJ BY CF CG CH CI CM DE DK ES FI FR GA GB GR IE IT KZ LI LU MC MR NE NL PT RU SD SE
SN TG

Title: HYDRAULICALLY SETTABLE MIXTURES

Abstract: Compositions, methods and systems for manufacturing articles, including containers and packaging materials, from hydraulically settable and inorganically filled materials are disclosed. Suitable compositions are prepared by mixing together a hydraulically settable binder or organic binder, water, and appropriate additives, such as aggregates, fibers, and rheology-modifying agents, which impart predetermined properties so that an article formed therefrom has the desired performance criteria. The desired article can be molded from the mixture using a variety of molding processes including: die pressing, injection molding, **blow** molding, jigging, wet sheet molding, and dry sheet molding. The sheet forming processes require the mixture to first be fashioned into a sheet, such as by the use of an extruder (12) or rollers, after which the sheet is formed, it is hardened. Printed indicia and a coating can then be applied.

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International (IPC 1-7): B28B21/00 B28B3/22 B28C5/14 B29C65/00 B32B13/00

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Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: KHASHOGGI E IND

Assignee(s): (std): KHASHOGGI E IND

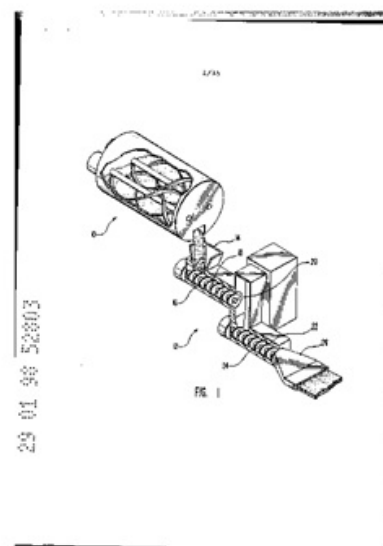
Assignee(s): E KHASHOGGI IND ; E KHASHOGGI IND LLC ; E KHASHOGGI INDUSTRIES ; E KHASHOGGI INDUSTRIES LLC

Inventor(s): (std): ANDERSEN PER JUST ; HODSON SIMON K

Inventor(s): PER JUST ANDERSEN ; SIMON K HODSON

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD

PatBase - AU706484_B2



Title: METHODS AND SYSTEMS FOR MANUFACTURING PACKAGING MATERIALS, CONTAINERS, AND OTHER ARTICLES OF MANUFACTURE FROM HYDRAULICALLY SETTABLE MIXTURES AND HIGHLY INORGANICALLY FILLED COMPOSITIONS

Abstract: Compositions, methods and systems for manufacturing articles, including containers and packaging materials, from hydraulically settable and inorganically filled materials are disclosed. Suitable compositions are prepared by mixing together a hydraulically settable binder or organic binder, water, and appropriate additives, such as aggregates, fibers, and rheology-modifying agents, which impart predetermined properties so that an article formed therefrom has the desired performance criteria. The desired article can be molded from the mixture using a variety of molding processes including: die pressing, injection molding, **blow** molding, jiggering, wet sheet molding, and dry sheet molding. The sheet forming processes require the mixture to first be fashioned into a sheet, such as by the use of an extruder (12) or rollers, after which the sheet is formed, it is hardened. Printed indicia and a coating can then be applied.

Classifications:

International (IPC 8-9): A47G19/00 B01F3/12 B05B11/00 B05C1/08 B05C3/18 B05C5/02 B28B1/00 B28B1/52 B28B11/00 B28B13/02 B28B13/06 B28B21/70 B28B23/00 B28B3/00 B28B3/02 B28B3/12 B28B3/20 B28B3/22 B28B3/26 B28B7/42 B28C5/14 B28C7/02 B29C43/00 B29C43/02 B29C43/08 B29C43/22 B29C43/24 B29C43/34 B29C43/36 B29C43/38 B29C43/46 B29C45/00 B29C49/00 B29C49/04 B29C49/06 B29C51/00 B29C51/04 B29C51/08 B29C51/10 B29C53/06 B29C53/58 B29C55/18 B29C65/00 B29C67/24 B29C70/50 B29C71/00 B31B17/00 B32B13/02 B32B27/04 B32B27/20 B32B37/12 B32B37/14 B32B5/02 B32B9/00 B65D1/00 B65D1/10 B65D1/12 B65D43/16 B65D5/00 B65D65/38 B65D65/46 C04B14/00 C04B14/02 C04B14/06 C04B16/02 C04B20/00 C04B22/04 C04B24/00 C04B24/14 C04B24/38 C04B26/00 C04B26/02 C04B26/28 C04B28/00 C04B28/02 C04B38/00 C04B38/02 C04B40/00 C04B41/45 C04B41/61 C04B41/62 C04B41/65 C08J5/00 C08J5/18 C08L1/28 C08L3/00 C08L3/02 C08L5/02 C08L5/12 C08L5/14 C08L89/06 C08L97/02 E05D1/02 (Advanced/Invention); A47G19/00 B05B11/00 B05C1/08 B05C3/18 B05C5/02 B29C43/08 B29C49/04 B29C51/08 B29C53/58 B29C65/00 B32B37/12 B65D1/00 C04B14/00 C04B14/02 C08J5/00 (Advanced/Non-invention); B28B1/00 B28B1/52 B28B11/00 B28B13/00 B28B23/00 B28B3/02 B28B3/20 B28B3/26 B28B7/40 B28C7/00 B29C43/00 B29C43/02 B29C43/22 B29C43/24 B29C43/34 B29C43/36 B29C43/44 B29C45/00 B29C49/00 B29C49/06 B29C51/00 B29C51/10 B29C53/00 B29C55/18 B29C65/00 B29C67/24 B29C70/04 B29C71/00 B31B17/00 B32B13/00 B32B27/04 B32B27/20 B32B5/02 B32B9/00 B65D43/16 B65D65/38 B65D65/46 C04B16/00 C04B20/00 C04B24/00 C04B26/00 C04B28/00 C04B38/00 C04B38/02 C04B40/00 C04B41/45 C04B41/60 C08J5/00 C08J5/18 C08L1/00 C08L3/00 C08L5/00 C08L89/00 C08L97/00 E05D1/00 (Core/Invention); B05B11/00 B05C1/08 B05C3/00 B05C5/02 B29C43/04 B29C49/04 B29C51/08 B32B37/12 (Core/Non-invention)

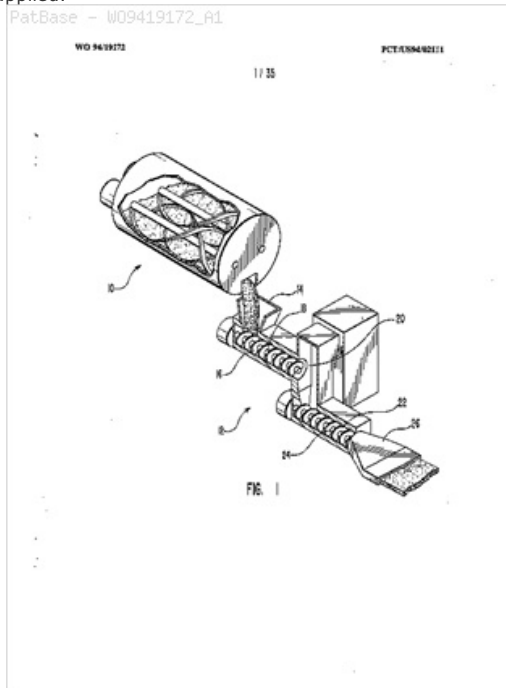
International (IPC 1-7): B28B1/08 B28B21/00 B28B3/22 B28C5/14 B29C65/00 B29D22/00 B32B13/00 B65D13/02 B65D65/46 C04B14/00 C04B38/00

CPC: Y10S106/02 Y10S428/906 B01F3/1214 B01F2003/125 B05C1/0826 B05C1/0834 B05C3/18 B05C5/0245 B28B11/001 B29C43/02 B29C43/22 B29C43/222 B29C43/24 B29C43/34 B29C43/36 B29C43/38 B29C47/003 B29C47/0042 B29C47/0059 B29C47/0066 B29C2043/3433 B29C2043/3615 B29C2043/3621 B29C2043/3623 B29C2043/3689 B29C2043/465 B29C2043/466 B29K2105/04 B29K2403/00 B29K2405/00 B32B37/00 B32B37/144 B65D5/00 B65D11/02 C04B28/02 C04B2111/00965 Y10T428/131 Y10T428/1314 Y10T428/1321 Y10T428/1341 Y10T428/1372 Y10T428/1376 Y10T428/1379 Y10T428/24446 Y10T428/2457 Y10T428/24694 Y10T428/249932 Y10T428/249968 Y10T428/249974 Y10T428/249986 Y10T428/249987 Y10T428/249991 Y02W30/97 B28B1/00 B28B1/52 B28B3/00 B28B3/02 B28B3/126 B28B3/20 B28B3/2645 B28B7/42 B28B11/00 B28B11/003 B28B11/008 B28B13/021 B28B13/06 B28B23/00 B28B23/0081 B28B23/0087 B28C7/02 B29C43/00 B29C43/003 B29C45/0013 B29C47/0019 B29C47/0021 B29C47/0023 B29C47/0033 B29C47/0038 B29C47/004 B29C47/0054 B29C49/0005 B29C49/0047 B29C49/04 B29C49/06 B29C49/063 B29C51/002 B29C51/04 B29C51/08 B29C51/082 B29C51/10 B29C53/063 B29C53/58 B29C55/18 B29C67/24 B29C67/242 B29C67/243 B29C70/50 B29C71/0009 B29C2043/463 B29C2043/464 B29C2043/5841 B29C2791/006 B29C2795/007 B29K2001/00 B29K2003/00 B29K2005/00 B29K2089/00 B29K2105/12 B29K2105/16 B29L2024/00 B29L2031/608 B29L2031/712 B29L2031/7132 B31D1/005 B32B9/00 B32B27/04 B32B27/20 B32B37/12 B65D43/162 B65D65/38 B65D65/466 B65D2301/20 B65D2565/385 C04B16/02 C04B20/0048 C04B24/00 C04B26/00 C04B26/02 C04B26/026 C04B26/28 C04B26/285 C04B28/00 C04B38/0006 C04B38/02 C04B40/00 C04B40/0028 C04B41/009 C04B41/45 C04B2111/00017 C04B2111/00129 C04B2111/00612 C04B2111/00948 C04B2111/34 C08J5/18 C08J2323/02 C08L1/28 C08L1/286 C08L3/00 C08L5/02 C08L5/12 C08L5/14 C08L89/06 C08L97/02 E05D1/02 E05Y2900/602 B29C44/3402 B29C2049/4608 B31B50/32 B31B2105/00 B31B2105/0022 B31B2110/10 B31B2110/20 B32B13/02 B32B1/02 B32B5/02 B32B2262/062 B32B2262/065 B32B2262/101 B32B2262/103 B32B2262/105 B32B2439/70 C04B41/61

European: B01F3/12B2 B28B1/00 B28B1/52 B28B11/00 B28B11/00B B28B11/00E B28B11/00E3 B28B13/02C B28B13/06 B28B23/00 B28B23/00Z B28B23/00Z1 B28B3/00 B28B3/02 B28B3/12C B28B3/20 B28B3/26E B28B7/42 B28C7/02 B29C43/00B B29C43/02 B29C43/22 B29C43/22B B29C43/24 B29C43/34 B29C43/36 B29C43/38 B29C43/46 B29C45/00E B29C49/00B B29C49/06B2B B29C51/00B B29C51/04 B29C51/10 B29C53/06B B29C55/18 B29C67/22D1 B29C67/24 B29C67/24C B29C67/24C2 B29C70/50 B29C71/00C B31B1/32 B31B17/00 B31D1/00H1 B32B13/02 B32B27/04 B32B27/20 B32B37/00 B32B37/14B B32B5/02 B32B9/00 B65D11/02 B65D43/16B B65D5/00 B65D65/38 B65D65/46C C04B16/02 C04B20/00F C04B24/00 C04B26/00 C04B26/02 C04B26/02B C04B26/28 C04B26/28B C04B28/00 C04B28/02 C04B38/00B C04B38/02 C04B40/00 C04B40/00D C04B41/00V C04B41/45 C04B41/61 C08J5/18 C08L1/28 C08L1/28F C08L3/00 C08L3/02 C08L5/02 C08L5/12 C08L5/14 C08L89/06 C08L97/02 E05D1/02 L01F3/12G L05B11/00B5 L05C1/08P L05C1/08P2 L05C3/18 L05C5/02E L29C43/00 L29C43/34B L29C43/36C2 L29C43/36C2B L29C43/36C2B1 L29C43/36H2 L29C43/46A2 L29C43/46A3 L29C43/46A4 L29C43/46B L29C43/58D1 L29C47/00J10 L29C47/00J14 L29C47/00J5 L29C47/00J6 L29C47/00J9 L29C47/00L L29C47/00L12 L29C47/00L4 L29C47/00L5 L29C47/00L7 L29C47/00L9 L29C49/00F L29C49/04 L29C49/06 L29C49/46B1A L29C51/04 L29C51/08 L29C51/08B L29C51/10 L29C53/58 L29C791/00E4 L29C795/00D L29K1/00 L29K105/04 L29K105/12 L29K105/16 L29K3/00 L29K403/00 L29K405/00 L29K5/00 L29K89/00 L29L24/00 L29L31/60C L29L31/712 L29L31/7132 L31B201/26A1A L31B217/08A L32B31/00A8B L32B37/12 L65D301/20 L65D565/38Y7 M04B111/00E M04B111/00M14 M04B111/00T6 M04B111/00T66 M04B111/00T70 M04B111/34 M08J323/02 P05D1/02 P05Y900/602

Family:

Publication number	Publication date	Application number	Application date
AU199349958 A1	19940315	AU19930049958	19930730
AU199852803 A1	19980402	AU19980052803	19980129
CN1099711 A	19950308	CN19941003235	19940217
CN1173861 C	20041103	CN19991023259	19991026
CN1230362 C	20051207	CN20021026156	19940217



CN1250736 A	20000419	CN19991023259	19991026
CN1403349 A	20030319	CN20021026156	19940217
IL108671 A0	19940530	IL19940108671	19940216
IL108671 A1	19980816	IL19940108671	19940216
WO9419172 A1	19940901	WO1994US02111	19940217
ZW2894 A	19940504	ZW19940000028	19940216

Priority:

US19920929898 19920811 US19930019151 19930217 US19930095662 19930721
WO1993US07220 19930730 US19930101500 19930803 US19930152354 19931119
AU19940063544 19940217

Probable Assignee: KHASHOGGI E IND

Assignee(s): (std): ANDERSEN PER JUST ; CASSIUKIE IND INC E ; CASSIUKIE INDUSTRY INC E ; KHASHOGGI E IND ;
KARXIUG IND CO LTD E ; HODSON SIMON K

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KHASHOGGI IND ; E KHASHOGGI IND LLC ; E KHASOGGI IND ; E CASSIUKIE IND INC ; E CASSIUKIE
INDUSTRY INC ; E KARXIUG INDUSTRIAL CO ; E KARXIUG INDUSTRIAL CO LTD

Inventor(s): (std): HODLIN P J ANDERSON S K ; ANDERSEN PER JUST ; HODLIN P J ANDERSON S K ; HODSON SIMON K

Inventor(s): HODSON SIMON KNIGHT ; ANDERSEN PER JUST DR ; P J ANDERSON ; P J ANDERSON S K HODLIN ; P J
ANDERSON S K HODLIN ; PER JUST ANDERSEN ; PER JUST ANDERSON ; PJ ANDERSON ; PJ
ANDERSON SK HODLIN ; S K HODLIN ; S K HODLIN ; SIMON K HODSON ; SK HODLIN

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; REINHOLD COHN AND PARTNERS

Designated states: AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CZ DE DK ES FI FR GA GB GN GR HU IE IT JP KP KR
KZ LK LU MC MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SK SN TD TG UA US VN

Title: **Plastic** composition

Abstract: Composite **plastic** compositions based on the dispersion of selected cross-linked polymers in certain thermoplastic matrices are disclosed. The composite compositions are readily formed and processed by thermal **extrusion** processes versus conventional casting processes. Preferred composite **plastics** compositions based on cross-linked poly(alkyl (meth)acrylate) polymers and modified poly(alkyl (meth)acrylate) thermoplastics are especially useful in the preparation of synthetic architectural materials having a mineral-like appearance, such as that of granite.

Classifications:

International (IPC 8-9): B29C47/00 B29C47/10 B29C49/00 B29C49/02 B29C51/00 B29C51/02 C04B26/00 C04B26/06 C04B32/00 C08J3/20 C08J3/24 C08J5/18 C08K3/00 C08K3/34 C08K3/36 C08L101/00 C08L25/00 C08L33/00 C08L33/06 C08L33/12 C08L53/00 C08L67/06 (Advanced/Invention); B29C49/00 B29C49/02 B29C51/02 C04B26/00 C04B32/00 C08J3/20 C08J5/18 C08K3/00 C08L101/00 C08L33/00 (Advanced/Non-invention); B29C47/00 C04B26/00 C04B32/00 C08J3/20 C08J5/18 C08K3/00 C08L101/00 C08L33/00 C08L67/00 (Core/Invention); B29C49/00 B29C49/02 B29C51/00 (Core/Non-invention)

International (IPC 1-7): B29C47/10 C04B26/00 C04B26/06 C04B32/00 C08J3/20 C08J5/18 C08K3/00 C08K3/34 C08K3/36 C08L101/00 C08L33/00 C08L64/ C08L67/06

CPC: B29C47/0021 B29K2301/10 C08L101/00 B29C47/0004 B29C49/00 B29C49/02 B29C51/02 B29K2021/00 B29K2105/16 B29L2031/722

European: B29C47/00B C08L101/00 L29C49/00 L29C49/02 L29C51/02 L29K105/16 L29K21/00 L29K301/10 L29L31/722

US: 523/523 524/447 524/523

PatBase - RU2221828_C2

Композиция смесей полимеров			
	Номера	Составная часть	Классификация
1A	94, 5/3, 1/2, 1	0, 3	2
1B	93, 0/3, 0/2, 2	2, 0	3
1C	93, 0/3, 1/6, 0	3, 9	3
1D	95, 0/3, 1/6, 5	1, 9	2/2 ⁸
1E ⁸	96/4/0	0, 0	2, 6

а = метилметакрилат/этиленоксид/акриловый ангидрид

DMMA/EA/AA

b = метилметакрилат (MMA)

c = диоксид кремния

d = диоксид кремния/углеродная сажа

e = метилметакрилат, среднее молекулярное значение

Плотность 3 x 10⁶

Family:

Publication number	Publication date	Application number	Application date
AT234900 E	20030415	AT19980934958T	19980615
AU199884384 A1	19990104	AU19980084384	19980615
AU740122 B2	20011101	AU19980084384	19980615
BRPI9810219 A	20000808	BR1998PI10219	19980615
CA2293292 AA	19991214	CA19982293292	19980615
CA2293292 C	20080603	CA19982293292	19980615
CN1206284 C	20050615	CN19988008213	19980615
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DE69812360 D1	20030424	DE19986012360	19980615
DE69812360 T2	20030814	DE19986012360T	19980615
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EP0991724 A1	20000412	EP19980934958	19980615
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JP2002504179 T2	20020205	JP19990503715T	19980615
JP4307569 B2	20090805	JP19990503715T	19980615
KR100571502 B1	20060414	KR19997011832	19980615
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RU2000101278 A	20011120	RU20000101278	19980615
RU2221828 C2	20040120	RU20000101278	19980615
SK181899 A3	20000912	SK19990001818	19980615
SK285636 B6	20070503	SK19990001818	19980615
TR9903114 T2	20000921	TR19990003114T	19980615
US6841612 BA	20050111	US19990445844	19991215
WO9859006 A1	19981230	WO1998EP03583	19980615
ZA9805375 A	19990323	ZA19980005375	19980619

Priority:

US19970050213P 19970619 WO1998EP03583 19980615 US19990445844 19991215

Probable Assignee: ARKEMA SA

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Assignee(s): ARKEMA ; ARKEMA FRANCE ; ARKEMA SA ; ATOFINA PUTEAUX

Inventor(s): (std): KITING POL DZHOZEY ; P J KEATING ; PAUL JOSEPH KEATING ; PJ KEATING ; S YANG ; SHIJUN YANG ; YANG SHIJUN ; YANG S ; KEATING P J ; KEATING JOSEPH ; JANG SHIDZHUN ; KEATING PAUL JOSEPH

Inventor(s): KEATING PAULJOSEPH

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; MCCARTHY TETRAULT LLP; LUZZATTO AND

LUZZATTO

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA
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UZ VN YU ZW

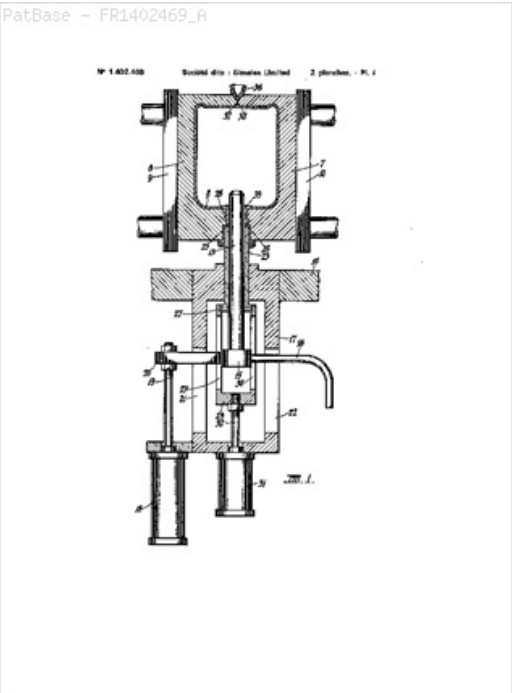
Title: PROCEDE ET DISPOSITIF POUR MOULER DES COLS DE BOUTEILLES ET ANALOGUES EN MATIERE PLASTIQUE METHOD AND DEVICE FOR **MOULDING** BOTTLES OF PASSES AND LIKE **PLASTIC** (Machine translation)

Abstract: Source: FR1402469A [FR] [Source: Claim 1] 1. Un procede pour mouler les cols de bouteilles ou d'autres recipients en matiere plastique dans un dispositif de moulage par soufflage, Idu type ayant des matrices de parties de moules adaptees pour se fermer sur une paraison ou tube extrude en matiere plastique et une tige creuse de soufflage d'air autour de laquelle est moule le col d'une bouteille ou d'un recipient, le procede consistant a prevoir des parties separables de matrices de moules avec des jeux disposes, quand les parties de matrices sont fermees pour former une extremite ouverte autour de la tige creuse de soufflage d'air, a achever partiellement ou completement le moulage par soufflage de la bouteille ou du recipient de maniere normale, a faire avancer axialement un element Ide moulage Ide la partie superieure de col autour de la tige creuse de soufflage d'air jusqu'a, ce qu'il s'engage avec l'extremite ouverte formee par les moules Ide matrices et Idans une certaine relation dans le temps avec l'operation de moulage pour achever le moulage de la partie superieure de cola vec une surface ou un contour sans debordement. Un tel procede de moulage peut comporter, en outre, pour sa mise en oeuvre les dispositions suivantes prises ensemble ou separement 10 On peut, en outre, prevoir une surface ou un epaulement a l'extremite ouverte des moules de matrices et faire avancer l'element de moulage Ide la partie superieure Ide col jusqu'a ce qu'il vienne. en contact avec la surface ou l'epaulement pour effectuer une separation de la matiere Sen excès a partir du col de l'article moule; 2 On peut prevoir unevidement circulaire a l'extrémité ouverte des moules de matrices, enfermer une partie de la paraison dans l'evidement et comprimer ou rendre compacte la paraison dans l'evidement lorsque l'element de moulage de la partie superieure Ide col avance pour s'engager avec l'extremite ouverte des moules ide matrices; 3 On peut retractor les parties de matrices de moules et l'element de moulage de la partie superieure de col apres achevement Ide l'operation de moulage, retirer la tige creuse de soufflage d'air depuis le col de l'article moule et retirer ce dernier de la position de moulage. II. Un dispositif pour mouler les cols de bouteilles ou autres recipients en matiere plastique du type ayant des matrices Ide parties de moules adaptees pour se fermer sur une paraison ou tube extrude en matiere plastique et une tige creuse de soufflage d'air autour de laquelle le col d'une bouteille ou autre recipient semblable lest moule, comprenant un element Ide moulage de la partie superieure de col monte let dispose pour avancer axialement sur la tige creuse de soufflage afin de s'engager avec les moules de matrices fermes, Idans une certaine relation dans le temps avec l'operation Ide moulage pour achever le moulage de la partie superieure de col avec une surface ou un contour sans debordement. Un tel dispositif peut comporter, en outre, pour sa realisation les dispositions suivantes prises ensemble ou separement: 1 L'element Ide moulage de la partie superieure de col comprend un manchon monte en vue d'un mouvement de va-et-vientpar glissement sur la tige creuse de soufflage, d'air, ledit manchon ayant une formation de moulage de la partie superieure de col a une de ses extremités pour s'engager dans une extremité ouverte sur le moule fonme par les moules Ide matrices pour achever la formation d'extremite; de col de l'article moule et pour retirer en la coupant toute matiere plastique superflue sur cette extremité 2 On prevoit unevidement circulaire a l'extremite ouverte du moule formee apr les parties de matrices Ide moules, l'evidement circulaire etant adapte pour recevoir une partie de la paraison ou du tube et, Idans cet evidement, l'element de moulage de la partie superieure de col avance pour rendre compacte la matiere plastique moulee afin de former le col de la bouteille ou autre recipient semblable; 30 L'extremite ouverte du moule formee par les parties de matrices est pourvue d'un epaulement ou surface engageable par un epaulement correspondant ou surface correspondante pour l'element de moulage Ide la partie superieure de col pour couper toute matiere plastique superflue lorsque l'element Ide moulage s'engage dans les moules de matrices fermes; 40 La tige creuse de soufflage d'air est montee pour avancer jusqu'a, une position ou elle est recue dans une extremité de la paraison ou du tube et pour rester dans cette position jusqu'a ce que les cycles des operations Ide moulage soient acheves; 5 La tige creuse de soufflage d'air est montee pour faire un mouvement glissant dans un ele- ment fixe a la table Ide moulage du 'dispositif et pouvant se de, placer avec celle-ci, la tige etant con- nectee avec la tige de commande d'uncylindre hydraulique ou pneumatique pouvant fonctionner dans une certaine relation dans le temps avec le cycle des operations de moulage du dispositif; 60 L'element de moulage de la partie superieure de col est connecte a la tige de commande d'un cylindre pneumatique ou hydraulique pouvant fonctionner dans une certaine relation dans le temps avec les operations de moulage du dispositif; 7 Lors de l'achevement du cycle d'operations icile moulage let de la separation des parties de matrices de moules, l'element de moulage de la partie superieure de col et la tige creuse de soufflage d'air sont retractes jusqu'a une position de non fonctionnement pour permettre d'enlever l'article moule depuis laposition de moulage, et la tige creuse Ide soufflage d'air revient a la position de fonctionnement pour recommencer le cycle des operations de moulage. III. A titre de produits industriels nouveaux, bouteilles ou autres recipients creux ainsi obtenus. **Machine translation:** [Source: Claim 1] 1. A process pourmouler bottles or other necked mawtiere **plastic** containers in a molding device for **blow**, Idu kind having die parts adaptées molds to close on a parison or tube extruded in **plastic** material and a hollow stem air **blowing** mold around which the neck of a bottle or recipient, the method comprising has predict the separable mold parts matrices with games willing, when the parts of dies are closed to form an open end around the hollow shaft of air **blowing**, partially or fully complete the **blow** molding of the bottle or container of normal way, has an axially advancing element Ide Ide molding the upper neck portion around the hollow shaft air **blowing** up, it engages with the open extremity formed by the dies and molds Ide IdANS some relationship in time with the molding operation to complete the molding of the upper part of cola ith a surface or contour without overflow. Such a molding method can further comprise, for its implementation the following provisions taken together or separately 10 can further predict a surface or a shoulder at the tip open molds and matrices to advance the molding element the upper part Ide Ide neck until he comes. in contact with the surface or the shoulder to perform a separation of Sen excess material from the neck of the article mold; 2 It may provide a circular unevidement open extrémité molds dies, enclose a portion of the parison in the recess and compress or make compact the parison in the recess when the molding element of the upper part Ide ahead collar to engage with the open end of the molds ide matrices; 3 can retract the parts of matrices of molds and the neck part of the supericure mold element after completion of the operation Ide molding, removing the hollow rod of the air **blowing** from the neck of the article mold and remove the latter from the molding position. II. A device for molding the collar bouteilles or other **plastic** material in containers of the type having Ide matrices parts of molds adapted to close on a parison or tube extruded **plastic** material and a hollow stem of air **blowing** around which the collar a bottle or similar container mold ballast, comprising an element Ide molding of the upper part of neck let up has to move axially on the hollow stem of **blowing** to engage with the molds farms matrices IdANS a certain relationship in time with the molding operation Ide to complete the molding of the upper neck portion with a surface or a healthy outline overflow. Such a device may further comprise, for its realization the following provisions taken together or separately: 1 element Ide molding the upper neck portion comprises a sleeve mounted for a back-and-slide vientpar on the hollow stem of **blowing** air, said sleeve having a mold forming the upper neck portion has one of its ends to engage in a extremité fonme open to the mold by Ide mold dies to complete the formation of extremity; Pass section and mold to remove by cutting unnecessary **plastic** material on this extremity 2 It is expected circular unevidement has the open end of the mold dies after FORMED parts Ide molds, the circular recess being adapted to receive a part of the parison or tube and, IIn this recess, the molding element of the upper neck portion advance to make compact the molded **plastic** to form the neck of the bottle or other similar container; The open extremity 30 of the mold formed by the matrices of parts is provided with a shoulder or a shoulder engageable surface matching or corresponding surface for the molding element Ide the upper part of neck to cut unnecessary **plastic** material when the Ide molding element engages in mussel farms matrices; 40 The rod air **blowing** hollow montee is to move up a position or it is received in one end of the parison or tube and remain in this position until the cycles of molding operations are Ide completed; The hollow stem 5 of the air **blowing** is mounted for sliding movement in a fixed ele- ment has the Ide table molding of 'device and capable of, place therewith, the rod being connect- ed with the shaft for controlling hydraulic or pneumatic uncylindre operable in a certain temporal relationship with the cycle of the device molding operations; 60 The element of molding the upper part neck is connected to the control rod of a pneumatic or hydraulic cylinder that can operate in a certain relationship in time with the device molding operations; 7 Upon completion of the cycle of molding operations icile let the separation of mold parts die, the molding element of the upper part of the neck and the upper air **blowing** hollow retracted until a inoperative position to allow removal from the mold section molding laposition, and the hollow rod Ide **blowing** air back to the operating position to begin the cycle of the molding operations. III. As new industrial products, bottles or other hollow containers obtained.

Classifications:

International (IPC 8-9): B29C49/50 B29C49/76 (Advanced/Invention);
B29C49/42 B29C49/50 (Core/Invention)

International (IPC 1-7): B29C17/07
CPC: B29C49/50 B29C49/76 B29C2049/5844
European: B29C49/50 B29C49/76 L29C49/58D13



Family:

Publication number	Publication date	Application number	Application date
AU276980 A1	00000000		00000000
DE1479674 A1	19690925	DE19641479674	19640722
FR1402469 A	19650611	FR19640983141	19640727

Priority:

DE1964S092202 19640722 FR19640983141 19640727

Probable Assignee: SIMALEX LTD

Assignee(s): (std): SIMALEX LTD

Assignee(s): SIMALEX LIMITED

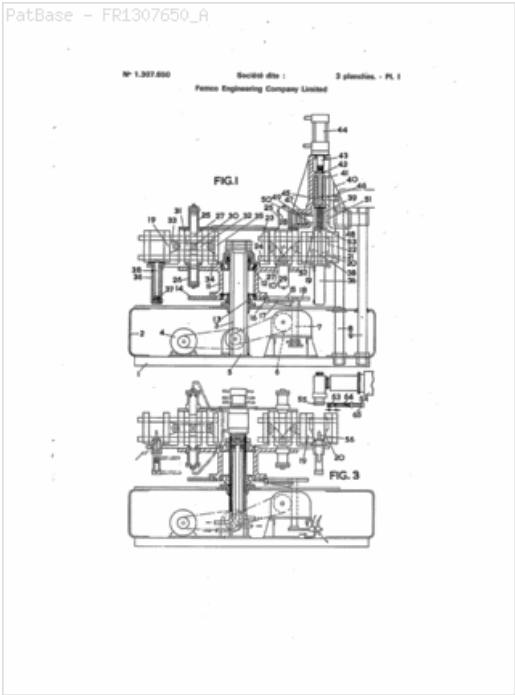
Inventor(s): (std): KAYE STEWART GEOFFREY ; THORNTON GEOFFREY KAYE STEWART

Title: PERFECTIONNEMENTS APPORTES AUX MACHINES A MOULER DES ARTICLES EN MATIERE PLASTIQUE PAR SOUFFLAGE
IMPROVEMENTS TO MACHINES **MOULDING** ARTICLES OF **PLASTIC BLOW** (Machine translation)

Abstract: Source: FR1307650A [FR] (Claim 1) ****ATTENTION**** debut du champ CLMS peut contenir fin de DESC ******. phase de pre-formage est relativement courte en comparaison de la duree de la phase de soufflage et de refroidissement, il est evident que le rendement d'un seul dispositif de pre-formage se trouve singulierement accru. Si l'on considere maintenant la fig.

Machine translation: (Claim 1) **** WARNING **** start of CLMS field may contain end of DESC ******. Phase of pre-forming is relatively short compared to the duration phase of **blowing** and cooling, it is evident that the performance of a single pre-forming device is singularly increased. If we consider now Fig.

Classifications:
International (ipc 8-9): B29C49/02 B29C49/36 B29C49/56 B29C49/58 (Advanced/Invention);
B29C49/02 B29C49/28 B29C49/56 B29C49/58 (Core/Invention)
International (ipc 1-7): B29C17/07
CPC: B29C49/02 B29C49/36 B29C49/56 B29C49/58
European: B29C49/02 B29C49/36 B29C49/56 B29C49/58



Family:

Publication number	Publication date	Application number	Application date
FR1307650 A	19621026	FR19610881213	19611207

Priority:

FR19610881213 19611207

Probable Assignee: FEMCO ENGINEERING CO LTD

Assignee(s): (std): FEMCO ENGINEERING CO LTD ; FEMCO ENGINEERING COMPANY LTD

Assignee(s): FEMCO ENGINEERING COMPANY LIMITED

Title: PROCEDURE FOR THE OBTAINMENT OF NANOCOMPOSITE MATERIALS

Abstract: The present invention relates to a procedure for the obtainment of a nanocomposite material through the technique of melt mixing comprising a polymeric **matrix** and a nanoreinforcement which has been previously dispersed in the same **plastic** or other **matrix** by means of electrospinning methods.

Classifications:

International (IPC 8-9): B29C45/00 B29C47/00 B29C49/00
B82B3/00 C08J3/22 C08K11/00 C08L1/02 C08L101/00 C08L29/06
C08L67/04 (Advanced/Invention);
B82Y40/00 (Advanced/Non-invention)

CPC: B82Y40/00 B82B3/00 B29C47/0004 B29C45/0001
B29C49/0005 C08L1/02 C08L29/06 C08L67/04 C08K11/00
D01D5/003 C08J5/005 B29C47/0016 B29C47/0019 B29C47/0021
B29C47/0023 B29C47/0026 B29C47/0028 B82Y30/00

US: 264/454 264/465 264/478 524/35 977/783 977/888



Family:

Publication number	Publication date	Application number	Application date
EP2567936 A1	20130313	EP20110777308	20110503
EP2567936 A4	20130313	EP20110777308	20110503
ES2369811 AA	20111207	ES20100030663	20100504
ES2369811 BA	20121015	ES20100030663	20100504
US2013085212 AA	20130404	US20120667486	20121102
WO11138485 A1	20111110	WO2011ES70313	20110503

Priority:

ES20100030663 20100504 WO2011ES70313 20110503

Probable Assignee: CONSEJO SUPERIOR INVESTIGACION

Assignee(s): (std): CONSEJO SUPERIOR INVESTIGACION ; CSIC CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS ; LOPEZ RUBIO AMPARO ; MARTINEZ SANZ MARTA ; LAGARON CABELLO JOSE MARIA

Assignee(s): CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS (CSIC) ; CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS CSIC

Inventor(s): (std): LAGARON CABELLO JOSE MARIA ; LOPEZ RUBIO AMPARO ; MARTINEZ SANZ MARTA

Inventor(s): MARTA MARTINEZ SANZ ; AMPARO LOPEZ RUBIO ; JOSE MARIA LAGARON CABELLO

Agent(s): UNGRIA LOPEZ JAVIER; PONS ANGEL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: CONTROLLED RELEASE COMPOSITION

Abstract: A composition for controlled delivery of at least one active substance into an aqueous medium by erosion at a preprogrammed rate of at least one surface of the composition, comprising a **matrix** comprising the active substance, the **matrix** being erodible in the aqueous medium in which the composition is to be used, and a coating having at least one opening exposing at least one surface of said **matrix**, the coating comprising a first cellulose derivative which has thermoplastic properties and which is substantially insoluble in the aqueous medium in which the composition is to be used, and at least one of a second cellulose derivative which is soluble or dispersible in water, a plasticizer, and a filler. The coating is a coating which crumbles and/or erodes upon exposure to the aqueous medium such as a body fluid. The first cellulose derivative may be, e.g., ethylcellulose, cellulose acetate, cellulose propionate or cellulose nitrate, and the second cellulose derivative may be, e.g., methylcellulose, carboxymethylcellulose or salts thereof, cellulose acetate phthalate, microcrystalline cellulose, ethylhydroxyethylcellulose, ethylmethylcellulose, hydroxyethylcellulose, hydroxyethylmethylcellulose, hydroxypropylcellulose, hydroxypropylmethylcellulose, hydroxymethylcellulose or hydroxymethylpropylcellulose.

Classifications:

International (IPC 8-9): A61K47/10 A61K47/34 A61K47/38 A61K47/42 A61K9/00 A61K9/10 A61K9/22 A61K9/28 A61K9/30

A61K9/36 (Advanced/Invention);

A61K47/38 A61K9/22 (Advanced/Non-invention)

International (IPC 1-7): A61K47/34 A61K47/38 A61K9/22 A61K9/24 A61K9/28 A61K9/36

CPC: A61K9/0092 A61K9/282 A61K9/2866

European: A61K9/00K4 A61K9/00Z4 A61K9/28H4 A61K9/28H6F2

US: 424/471 424/471P 424/473 424/480 424/486 424/486P 424/488 424/488S

Family:

Publication number	Publication date	Application number	Application date
AU199518068 A1	19950911	AU19950018068	19950223
DE69506086 D1	19981224	DE19956006086	19950223
DE69506086 T2	19990520	DE19956006086T	19950223
DK0746310 T3	19990802	DK19950909667T	19950223
EP0746310 A1	19961211	EP19950909667	19950223
EP0746310 B1	19981118	EP19950909667	19950223
JP2006052228 A2	20060223	JP20050282068	20050928
JP4194114 B2	20081210	JP19950522075T	19950223
JP9509184 T2	19970916	JP19950522075T	19950223
US2005019405 AA	20050127	US20040827521	20040420
US2008254124 AA	20081016	US20080213087	20080613
US6787156 BA	20040907	US19960693254	19960819
WO9522962 A1	19950831	WO1995DK00080	19950223

Priority:

DK19940000222 19940223 WO1995DK00080 19950223 US19960693254 19960819
US20040827521 20040420 US20080213087 20080613

Probable Assignee: EGALET LTD

Assignee(s): (std): BAR SHALOM DANIEL ; BM RES AS ; BUKH MEDITEC

Assignee(s): BM RESEARCH AS ; BUKH MEDITEC A S ; BM RESEARCH A S VAERLOSE DK ; EGALET LTD ; US BANK NATIONAL ASSOCIATION ; BM RESEARCH A AND S ; BM RESEARCH A S ; BM RESEARCH A S LEJRVEJ

Inventor(s): (std): BAR SHALOM DANIEL

Inventor(s): BAR SHALOM DANIEL DK 2980 KOKKEDAL DK ; DANIEL BAR SHALOM

Agent(s): FOLEY AND LARDNER LLP, SUITE 500

Designated states: AM AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IT JP KE KG KP KR KZ LI LK LR LT LU LV MC MD MG ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SZ TD TG TJ TT UA UG US UZ VN

Title: NANOCOMPOSITE COMPOSITION OF PET-PEN-CLAY-G-LYSINE.

Abstract: The present invention refers to a nanocomposite polymeric material which is obtained upon mixing ethylene polyterephthalate and ethylene polynaphthalate polymers with bentonite clay nanoparticles chemically modified with L-lysine chloride. The materials thus obtained present an improved dimensional stability with regard to the sudden changes of temperature, as well as improved barrier properties with regard to gases such as oxygen. Said materials may be processed in conventional equipment for transforming **plastic** such as extruder-calandring and extruder-**blow** for manufacturing films, and injection-**blow** for manufacturing bottles and containers. Said materials, and products made therewith, may be remarkably used in the industry for bottling carbonated beverages, beer, wine, tea, coffee, also being used in the bottling and packaging of preserved food and perishable products.

Classifications:

International (IPC 8-9): B82Y30/00 C08G63/00 C08K3/00 (Core/Invention)

Family:

Publication number	Publication date	Application number	Application date
MX2012012036 A1	20140429	MX20120012036	20121016

Priority:

MX20120012036 20121016

Probable Assignee: UNIV NAC AUTONOMA DE MEXICO

Assignee(s): (std): UNIV NAC AUTONOMA DE MEXICO

Assignee(s): UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO

Inventor(s): (std): SOLIS ANTONIO SANCHEZ ; OLIVARES GUADALUPE SANCHEZ ; GARCIA FAUSTO CALDERAS ; BRITO OCTAVIO MANERO ; BAUTISTA OSCAR JIMENEZ

Inventor(s): ANTONIO SANCHEZ SOLIS ; FAUSTO CALDERAS GARCIA ; OCTAVIO MANERO BRITO ; GUADALUPE SANCHEZ OLIVARES ; OSCAR JIMENEZ BAUTISTA

Title: MOLECULARLY ORIENTED NITRILE (RUBBER) **BLOW-MOULDED** CONTAINERS - MFD. BY SHAPING A PARISON IN AN INJECTION **MOULD** WITH **EXTRUSION** DIE AND ORIENTING BY TEMP. CONTROLLED **BLOW-MOULDING**

Abstract: Mfr. of molecularly highly oriented **blow-moulded** containers e.g. bottles, free from cracks, from nitrile-contg. polymer, comprises (a) shaping a seamless comparison closed at 1 end, in an injection-**mould** with an **extrusion** die that has a cavity surrounding a coaxial core pin; (b) injecting polymer melt under pressure into the **extrusion** die cavity; removing the parison from the core pin; and (c) transferring the hot parison immediately to a temp. controlled conditioning pin in contact with the inner surface with the inner surface of the parison and a temp. controlled cavity in contact with the outer surface of the parison. Thus the parison is temp. conditioned within the orientation temp. range for the polymer. The so-conditioned parison is then **blow-moulded**, the polymer an orientation relaxation stress (sic), in a circumferential direction, of at least 35.2 kg/cm. Used e.g. in mfr. of **plastics** bottles for carbonated beverages. The prods. are free from stress cracks and unsightly stress marks.

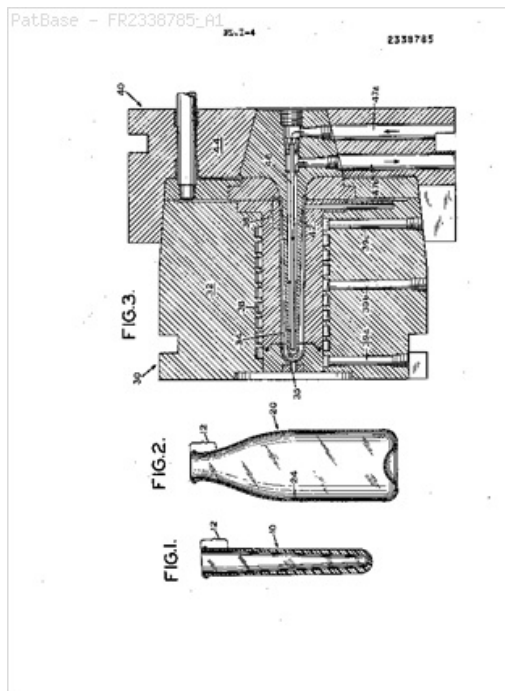
Classifications:

International (IPC 8-9): B29B11/08 B29C49/00 B29C49/06 B29C49/16 B29C49/58 B29C49/64 B29C49/68 B29C49/78 B29C65/00 (Advanced/Invention); B29C49/06 (Advanced/Non-invention); B29B11/00 B29C49/00 B29C49/06 B29C49/08 B29C49/58 B29C49/64 B29C49/78 B29C65/00 (Core/Invention); B29C49/06 (Core/Non-invention)

International (IPC 1-7): B29C17/06 B29D23/03

CPC: B29C49/06 B29C49/6445 B29C49/6454

European: B29C49/64B4B B29C49/64B4C L29C49/06



Family:

Publication number	Publication date	Application number	Application date
DE2702495 A1	19770728	DE19772702495	19770121
FR2338785 A1	19770819	FR19770001753	19770121
JP52091067 A2	19770801	JP19770006331	19770122

Priority:

US19760651273 19760122

Probable Assignee: AMERICAN CAN CO

Assignee(s): (std): AMERICAN CAN CO

Assignee(s): AMERICAN CAN CY

Inventor(s): (std): AIRII MIRA BERIBAKISHII ; BELIVAKICI ILIE MILA ; ROBAATO RICHIYAADO YANGU ; YOUNG ROBERT RICHARD

Inventor(s): MILA BELIVAKICI ILIE ; RICHARD YOUNG ROBERT

Title: SHAPED ARTICLE OF COMPOSITE MATERIAL AND METHOD OF MAKING IT.

Abstract: The prodn. of a composite **moulded** prod. (I) comprises (a) converting at least part of the surface of a base material (II) into an adhesive state and bonding it with layer(s) of polymeric particle foam (III), and (b) placing the prefabricated composite in a foaming system with the particle size facing the cavity, and foaming the cavity in-situ with particles of the same polymer **matrix** as (III). Also claimed are **moulded** prods. (I), with foam particles (3) facing the base material (2) at least partly embedded in an adhesive layer (22) so as to form an inseparable composite, and also forming the particle foam (5) (together with the other foam particles (3)). (See Fig. 1).

Classifications:

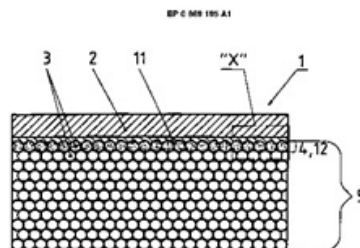
International (IPC 8-9): B29C44/00 B29C44/12 B29C44/14
B29C44/44 B29C67/20 B32B5/20 C08J9/228 (Advanced/Invention);
B29K105/04 B29L9/00 (Advanced/Non-invention);
B29C44/00 B29C44/02 B29C44/34 B29C67/20 B32B5/20
C08J9/00 (Core/Invention)

International (IPC 1-7): B29C44/00 B29C44/12 B29C44/14
B29C44/44 B29C67/20 B29K105/04 B29K23/00 B29L9/00
B32B27/28 B32B31/22 B32B31/26 B32B31/30 B32B5/20 B32B7/04
B65D65/40 B65D81/03 C08J9/228

CPC: B29C44/14 B29C44/445 B32B5/20 B32B38/00 C08J9/228

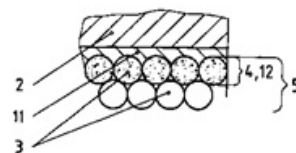
European: B29C44/14 B29C44/44B B32B31/00D B32B38/00
B32B5/20 C08J9/228

PatBase - EP0669195_A1



Figur 1

Ausbruch: "X"



Figur 2

Family:

Publication number	Publication date	Application number	Application date
AT181013 E	19990615	AT19950102247T	19950218
DE4406039 C1	19950330	DE19944406039	19940224
DE59506130 D1	19990715	DE19955006130	19950218
EP0669195 A1	19950830	EP19950102247	19950218
EP0669195 B1	19990609	EP19950102247	19950218
ES2132446 T3	19990816	ES19950102247T	19950218
JP2685420 B2	19971203	JP19950036954	19950224
JP8085156 A2	19960402	JP19950036954	19950224

Priority:

DE19944406039 19940224 DE19955006130 19950218

Probable Assignee: ERLNBACH GMBH

Assignee(s): (std): ERLNBACH GMBH AND CO KG ; ERLNBACH GMBH

Assignee(s): ERLNBACH GMBH 56355 LAUTERT DE ; ERLNBACH GMBH AND CO KG MASCHINEN UND FORMENBAU 5 ; ERLNBACH GMBH AND CO KG MASCHINEN UND FORMENBAU 56355 LAUTERT DE ; ERLNBACH GMBH AND CO MASCH U FORMENBAU KG ; ERURENBATSUHA GMBH AND CO KG

Inventor(s): (std): BERUNTO TSUORUN ; ZORN BERND

Inventor(s): ZORN BERND 56357 AUEL DE ; ZORN BERND D 56357 AUEL DE

Designated states: AT BE DE ES FR GB IT NL SE

Title: METHOD FOR PRODUCING A POLYMER PRODUCT FROM MULTIDIMENSIONAL AGGREGATED COMPONENTS AS BARRIER OR CARRIERS OF LIVING MICROBIAL CELLS AND BIOLOGICAL BARRIERS IN **PLASTIC** AND TEXTILE

Abstract: This invention relates to a polymer product comprising the components consisting of a polymer in form of granules; a multidimensional structure containing amphiphilic molecules, such as lipids, surfactants or polymers, wherein said polymer product has an active and/or passive oxygen or CO₂ barrier, with an UV blocking activity or with potentially colouring with the incorporation of the multidimensional structure. It further relates to a method for manufacturing notably said polymer products, in particular from multidimensional aggregated components as barrier or carriers of living microbial cells and biological barriers in **plastic** and textile.

Classifications:

International (IPC 8-9): B29C37/00 B29C45/16 B29C45/18 B29C49/00 B29C49/22 B29D22/00 B32B27/18 B32B27/36 B32B33/00 B65D1/02 B65D81/24 B65D81/26 B65D81/30 C08J3/20 C08J5/00 C12N1/20 C12N11/04 C12N11/08 (Advanced/Invention)

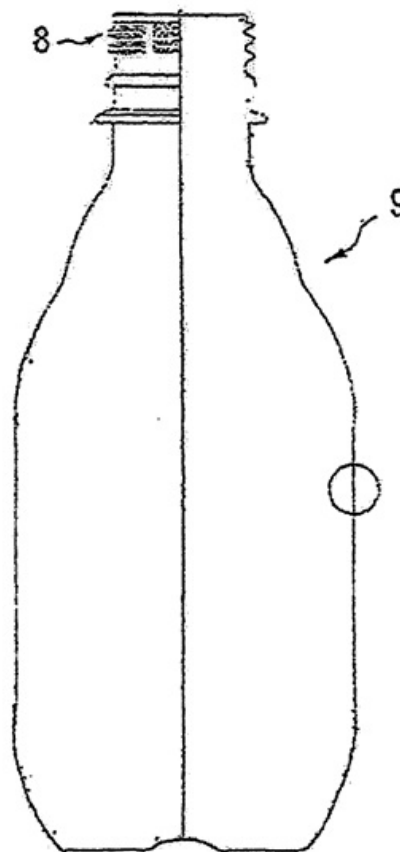
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CPC: B32B27/36 B32B2307/7244 B29C45/1646 B29C2045/1648 B29C2045/1841 B29K2995/0069 B29L2009/005 B65D81/266 B65D81/30 B29B11/14 B29B11/08 B29B2911/1402 B29B2911/14026 B29B2911/1412 B29B2911/14146 B29B2911/14333 B29B2911/14446 B29B2911/14466 B29C45/0001 B29C45/1642 B29C49/06 B29C49/221 B29C2049/001 B29K2023/06 B29K2023/12 B29K2067/003 B29K2105/0032 B29K2105/0044 B29K2995/0056 B29K2995/006 B29K2995/0067 B32B1/02 B32B27/08 B32B27/20 B32B2307/7242 B32B2439/60 C12N1/20 B65D1/0215 C08J3/20 C08J5/00 C08J2323/04 C08J2323/10 C08J2367/02 C12N11/04 C12N11/08 B29C37/0025 B29D22/003 B29C49/0005 B32B7/02 B32B2250/03 B32B2250/40 B29B2911/1408 B29B2911/14093 B29B2911/14326

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US: 264/112 264/537 435/182

PatBase - US2015140634_AA



Family:

Publication number	Publication date	Application number	Application date
BE1019981 AF	20130305	BE20110000303	20110518
BR112013027812 A2	20170314	BR20131127812	20120502
DE602012017061 D1	20160602	DE201260017061T	20120521
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EP2718088 B1	20160413	EP20120743644	20120521
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Priority:

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WO2012BE00022	20120502	EP20120743644	20120521	WO2012BE00027	20120521
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Probable Assignee: RESILUX NV

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Assignee(s): RESILUX NV ; POKLAR ULRICH NATASA

Inventor(s): (std): CUYPER DIRK DE ; DE CUYPER DIRK ; DIERICKX WILLIAM ; DIRK DE CUYPER ; GUNDE CIMERMAN

NINA ; POKLAR ULRIH NATASA ; ULRICH NATASA POKLAR ; WILLIAM DIERICKX

Inventor(s): POKLAR ULRIH NATAŠA ; NATASA POKLAR ULRICH ; NINA GUNDE CIMERMAN

Agent(s): PETSIS CHRISTOS; ESPIELL EDUARDO MARIA; VAN CUTSEM PAUL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU
CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL
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MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM
SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: ORIENTED POLYMERIC PRODUCTS

Abstract: PCT No. PCT/EP96/02801 Sec. 371 Date Jul. 28, 1998 Sec. 102(e) Date Jul. 28, 1998 PCT Filed Jun. 26, 1996 PCT Pub. No. WO97/10941 PCT Pub. Date Mar. 27, 1997A continuous method of extruding an oriented **plastic** article of improved strength. A chemically reactive polymer, monomer or other compound is included in the **matrix** material(s) and a (multilayer) parison is extruded or melt formed having built-in thermoplastic orientation caused by shear or caused by elongational flow. A reaction can be activated in the molten state thereof by additional heat resulting in a cross-linked structure or at least the mobility of the molecules being reduced, resulting in a longer relaxation time which makes the freezing of permanent orientation possible. The soft **matrix** can be stretched while still hot in the hoop and/or axial direction. Then, the product thus obtain is calibrated and cooled in an oriented state.

Classifications:

International (IPC 8-9): B29B15/12 B29C44/22 B29C47/00 B29C47/02 B29C47/06 B29C47/20 B29C47/24 B29C47/52 B29C47/76 B29C47/90 B29C47/92 B29C47/94 B29C49/04 B29C53/58 B29C55/00 B29C55/22 B29C55/24 B29C63/34 B29C63/46 B32B1/08 B32B15/08 F16L11/15 F16L55/162 F16L59/14 F16L9/12 F16L9/147 F16L9/21 (Advanced/Invention); B29C47/20 B29C47/92 B29C49/04 B29C53/58 B29C55/24 B29C63/46 B29K105/24 B29K23/00 B29L23/00 B32B15/08 (Advanced/Non-invention); B29B15/10 B29C44/00 B29C47/00 B29C47/02 B29C47/06 B29C47/08 B29C47/20 B29C47/36 B29C47/76 B29C47/90 B29C47/92 B29C49/04 B29C55/00 B29C63/34 B29C63/38 B32B1/00 B32B15/08 F16L11/00 F16L55/162 F16L59/00 F16L9/00 (Core/Invention); B29C53/00 (Core/Non-invention)

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US: 138/125 138/134 138/141

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AT418437 E	20090115	AT19960923948T	19960626
AU199664174 A1	19970409	AU19960064174	19960626
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Priority:

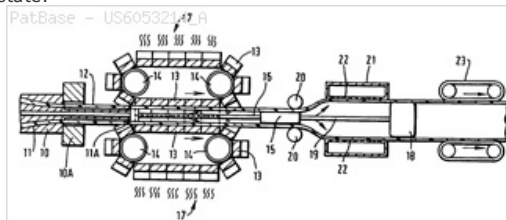
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WO1996EP02801 19960626

Probable Assignee: UPONOR BV

Assignee(s): (std): UPONOR BV ; UPONOR INNOVATION AB

Assignee(s): UPONOR B V

Inventor(s): (std): AGREN STIG ; AGREN STIG L ; AGREN STIG LENNART ; HOVING LARS ; HOVING LARS G ; HOVING LARS GOERAN ; JAERVENKYLA E JYRI ; JAERVENKYLA E JYRI J ; JAERVENKYLA E JYRI JAAKKO ; JARVENKYLA JYRI ; JARVENKYLA JYRI JAAKKO ; JOSEFSSON HANS ; JOSEFSSON HANS M ; JOSEFSSON HANS M T ; JOSEFSSON HANS MARTIN ; JOSEFSSON HANS MARTIN TONY ; LUNDEQUIST NILS ; LUNDEQUIST NILS Y ; LUNDEQUIST NILS YNGVE ; SJOEBERG MICHAEL ; SJOEBERG MICHAEL B ; SJOEBERG MICHAEL BOERJE ; STIG LENNART AGREN ; SJOEBERG MICHAEL BORJE ; SJOEBERG MICHAEL BONE ; OLSSON BJORN AXEL RONALD ; OLSSON BJORN AXEL ROLAND ; NILS YNGVE LUNDEQUIST ; MICHAEL BORJE SJOEBERG ; LARS GORAN HOVING ; JYRI JAAKKO JARVENKYLA ; JARVENKYLA JYRI JAAKKO ; JARVENKYLA JYRI JAAKKO ; JAN ROLF RYDBERG ; HOVING LARS GORAN ; HANS MARTIN TONY JOSEFSSON ; BJORN AXEL ROLAND OLSSON ; AGREN SUG LENNART ; OLSSON BJOERN A ; OLSSON BJOERN A R ; OLSSON BJOERN AXEL ROLAND ; OLSSON BJOERN AXEL RONALD ; OLSSON BJORN ; OLSSON BJORN AXEL ; OLSSON BJORN AXEL ROLAND ; RYDBERG JAN ; RYDBERG JAN R ; RYDBERG JAN ROLF ; SJOEBERG MICHAEL



Inventor(s): SJOBERG MICHAEL B ; SJAEBERG MICHAEL BAERJE ; OLSSON BJORN A ; OLSSON BJORN A R ;
OLSSON BJAERN AXEL ROLAND ; JARVENKYLA JYRI J

Agent(s): GRIFFITH HACK; HALL ROBERT LEONARD ET AL; REINHOLD COHN AND PARTNERS

Designated states: AL AM AT AZ BE BY CH DE DK ES FI FR GB GR IE IT KE KG LI LT LU LV MC NL PT SD SE SI SZ

Title: **Moulding** process

Abstract: Straightforward **moulding** process, when carried out in a step by step process, makes it possible to manufacture almost all 3-D shapes in one single **moulding** process and subject to follow up treatment the desired complex shape can be obtained. The process can be fully automated, has positive environmental aspects and creates the opportunity for the creation of new product types (e.g. a bottle with a variable wall thickness). One or more fixed **mould**(s) made from soluble and/or compressible material are placed in a **mould** or a **matrix**, after which the remaining voids are filled with the respective material. The filling can take place by means of casting, injection, rotation **moulding**, **blow moulding** or other application techniques. The following materials can be used as fillers, at the appropriate relative temperatures: **plastic**, metal, glass, clay, polymers or other casting substances that can be injected. After ejection of the newly obtained whole it is placed in a dissolving or compressing unit until the **mould** dissolves, liquefies or disintegrates into small fragments or molecules using for example a high frequency field, ultrasonic vibrations, radiation, shock waves or quenching. A **moulded** object remains. These finished objects can be extremely complex and useful.

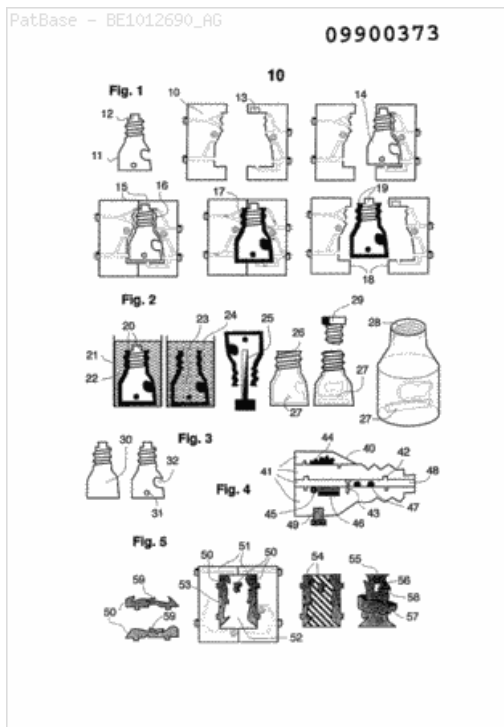
Classifications:

International (IPC 8-9): B28B7/34 B29C33/52 B65D1/02 C03B19/02 (Advanced/Invention)

International (IPC 1-7): B22D29/00 B29C33/44 B29C33/48 B29C33/52 B65D1/00 C03B9/00

CPC: B28B7/342 B29C33/52 B29L2031/7158 B29L2031/717 B65D1/0223 C03B19/02 C03B19/025

European: B28B7/34B B29C33/52 B65D1/02D C03B19/02 C03B19/02B L29L31/7158 L29L31/717



Family:

Publication number	Publication date	Application number	Application date
BE1012690 AG	20010206	BE19990000373	19990530

Priority:

BE19990000373 19990530

Probable Assignee:

LAUREYSSENS DIRK

Assignee(s): (std):

LAUREYSSENS DIRK

Title: **BLOW MOULDING** THERMOPLASTICS - IN MACHINE PRODUCING GOB, ROUGH AND **BLOW MOULDING** AT THREE SUCCESSIVE STATIONS

Abstract: Appts. for making **blow moulded** thermoplastics objects comprises three stages for forming the gob, forming a rough, then **blowing** this rough to the final shape; in the first stage, each one of a number of male **moulds** mounted on an intermittently advancing conveying device receives a gob from a mixed **extrusion** nozzle. In the next stage the female **mould** is fitted onto the male **mould**, and the **plastics** gob is pushed out from the hollow in the male **mould** by a piston so as to fill the **mould** void and form a rough; this rough is then transported on the male **mould** by the intermittently moving conveyor to the final, **blowing** station where it is blown to the final shape. In a typical arrangement three male **moulds** are mountd at the periphery of a rotating turntable and pass successively in front of the **extrusion** nozzle, the female **mould** station and the **blowing** **mould** station. By the overlapping of these operations, the output rate of the machine is increased.

Classifications:

International (ipc 8-9): B29C43/36 B29C49/02

B29C49/12 (Advanced/Invention);

B29C43/42 (Advanced/Non-invention);

B29C43/36 B29C49/02 B29C49/08 (Core/Invention)

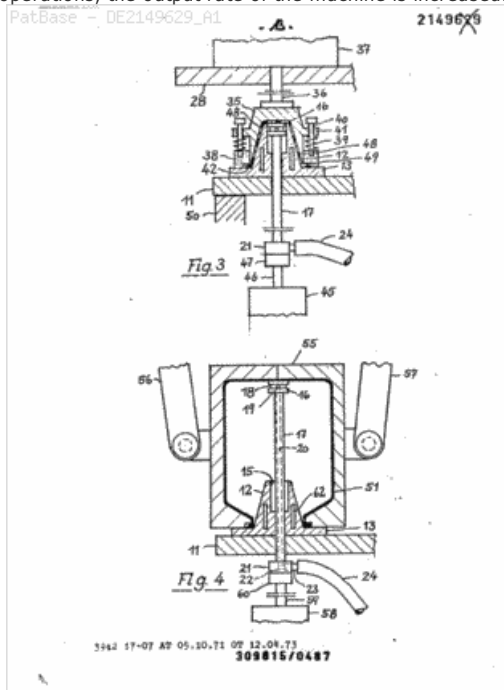
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European: B29C43/36C B29C49/02 B29C49/12 L29C43/00

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Family:

Publication number	Publication date	Application number	Application date
DE2149629 A1	19730412	DE19712149629	19711005

Priority:

DE19712149629 19711005

Probable Assignee: BOSCH VERPACKUNGSMASCHINEN

Assignee(s): (std): BOSCH VERPACKUNGSMASCHINEN

Assignee(s): ROBERT BOSCH VERPACKUNGSMASCHINEN GMBH

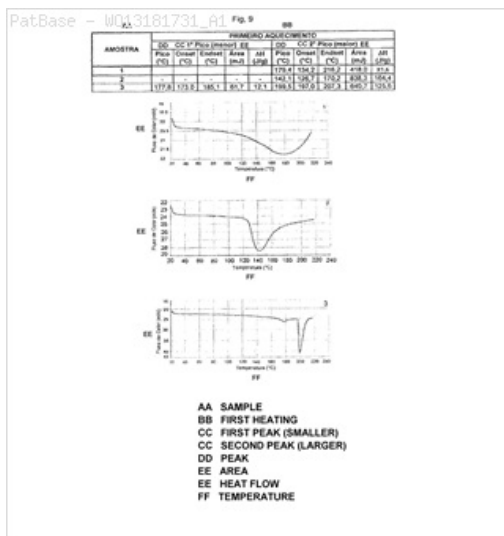
Inventor(s): (std): BUCHNER NORBERT DR ING

Title: COMPOSITION AND METHODS FOR THE PRODUCTION OF BIOPOLYMERIC MATERIALS THAT BIODEGRADE RAPIDLY, AND ARE FLEXIBLE AND RIGID, WITH USE OF THE XANTHAN BIOPLASTIC AS A COMPONENT OF THE BIOPOLYMERIC **MATRIX** AND OPTIONALLY FILLERS AND/OR NANOFILLERS AND OTHER CONSTITUENTS, THE RESULTING PRODUCTS AND THE USES THEREOF

Abstract: In order to obtain diverse examples of such biopolymeric materials, use is made of xanthan, as biopolymeric **matrix**, either alone or as a component of the **matrix**, optionally in combination with plasticizers and/or dispersants, defoamers, fillers and/or nanofillers and, optionally, salts, emulsifiers, antihumectants, thermal and dimensional stabilizers, preservatives, dyes, other additives, pharmacologically active substances, or a combination of all or some thereof. The compositions are preferably prepared by solubilization or dispersion, in liquid phase, or melting, in solid phase. Finished or semi-finished products and materials are obtained that are biodegradable, optionally edible, and preferably disposable. The methods used are casting, **extrusion**, stretch **blow moulding**, thermoforming processes, rotational **moulding**, injection **moulding**, print-up and spread coating to produce packaging, personal hygiene items, and medical, odontological, agricultural and other products.

Classifications:

International (IPC 8-9): A23L1/0522 A23L1/054 A61K31/685 A61K31/722 A61K8/73 A61P19/02 A61P19/04 A61Q11/00 C07H3/00 C07K14/195 C08B37/00 C08K3/32 C08K3/34 C08L3/02 C09K8/02 C09K8/08 C12N1/20 C12N9/10 C12P19/04 C12P19/06 C12R1/64 (Advanced/Invention); C12R1/64 (Advanced/Non-invention)
CPC: C08B37/0033 C08L5/00 C08L3/02 A23L29/269



Family:

Publication number	Publication date	Application number	Application date
BR112014029845 A2	20180515	BR20141129845	20130605
WO13181731 A1	20131212	WO2013BR00224	20130605

Priority:

BR20121013596 20120606 WO2013BR00224 20130605

Probable Assignee: UNIVERSIDADE FEDERAL DE PELOTAS

Assignee(s): (std): IFSUL INST FED DE EDUCACAO CIENCIA E TECNOLOGIA SUL RIO GRANDENSE ; UFPEL UNIVERSIDADE FED DE PELOTAS

Assignee(s): INSTITUTO FEDERAL DE EDUCACAO CIENCIA E TECNOLOGIA SUL RIO GRANDENSE IFSUL ; UNIVERSIDADE FEDERAL DE PELOTAS ; IFSUL INSTITUTO FEDERAL DE EDUCACAO CIENCIA E TECNOLOGIA SUL RIO GRANDENSE ; IFSUL INSTITUTO FEDERAL DE EDUCACAO CIENCIA E TECNOLOGIA SUL RIO GRANDENSE ; UFPEL UNIVERSIDADE FEDERAL DE PELOTAS

Inventor(s): (std): CALCAGNO CARMEN IARA WALTER ; DA SILVA MOREIRA ANGELITA ; DE ANDRADE SALLES CLEIA ; TONDO VENDRUSCOLO CLAIRE

Inventor(s): ANGELITA DA SILVA MOREIRA ; CARMEM IARA WALTER CALCAGNO ; CLAIRE TONDO VENDRUSCOLO ; CLEIA DE ANDRADE SALLES

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: Liquid crystal polymer blends, process for the preparation thereof and products manufactured from the blends

Abstract: A polymer blend, a process for the preparation thereof and products manufactured from the polymer blend. The polymer blend contains 95 to 50 parts by weight of a polyolefin- or polyester-based polymer **matrix**, 5 to 50 parts by weight of an aromatic main-chain liquid crystalline polymer and **plastic** additives, if any. Further, the blend contains, based on the total weight of the previous components, 0.1 to 30 percent by weight of a substance (a compatibilizer) which improves the compatibility of the polymer **matrix** and the liquid crystalline component. The compatibilizer includes a polymer containing reactive functional groups. Preferably, the compatibilizer includes an SEBS polymer functionalized with maleic anhydride or an olefin polymer functionalized with glycidyl methacrylate.

Classifications:

International (IPC 8-9): B29C45/00 B29C47/24 B29C49/00 B29C51/08 B29D99/00 C08J5/00 C08L101/00 C08L101/12 C08L23/00 C08L23/02 C08L67/00 C08L67/02 C08L69/00 C08L77/12 C08L79/08 (Advanced/Invention); C08L67/04 (Advanced/Non-invention); B29C45/00 B29C47/20 B29C49/00 B29C51/08 B29D99/00 C08J5/00 C08L101/00 C08L23/00 C08L67/00 C08L69/00 C08L77/00 C08L79/00 (Core/Invention)

International (IPC 1-7): B29C45/00 B29C47/24 B29C49/00 B29C51/08 B29D31/00 C08J5/00 C08L101/00 C08L101/12 C08L23/00 C08L23/02 C08L23/08 C08L67/00 C08L67/02 C08L67/04 C08L69/00 C08L77/12 C08L79/08 C09K19/38 C09K19/52

CPC: C08L23/02 C08L67/02 C08L67/04 C08L101/00 C08L2205/12 C08L23/06 C08L23/10 C08L23/16

European: C08L101/00 C08L23/02 C08L23/06 C08L23/10 C08L23/16 C08L67/02 M08L205/12 M08L23/02 M08L67/04

US: 525/133 525/64 525/66 525/67 525/68

PatBase - US6221962_BA

U.S. Patent Apr. 24, 2001 Sheet 1 of 7 US 6,221,962 B1

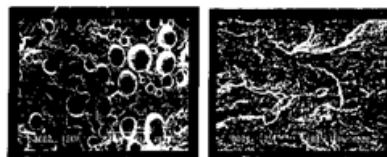


Fig. 1a

Fig. 1b

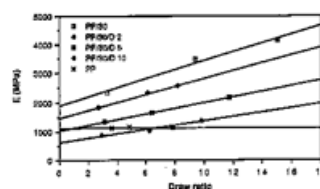


Fig. 2

Family:

Publication number	Publication date	Application number	Application date
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JP2859439 B2	19990217	JP19930500241	19930531
JP7508050 T2	19950907	JP19930500241T	19930531
US6221962 BA	20010424	US19970782512	19970109
WO9324574 A1	19931209	WO1993FI00233	19930531

Priority:

FI19920002520 19920529 US19940341620 19941117 US19970782512 19970109

Probable Assignee: OPTATECH CORP

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Assignee(s): OPTATECH CORP ESPOO ; NESTE OYJ NIITYTAIVAL ; NESTE OYJ ; NESUTE OY ; FORTUM OIL AND GAS OY ; FORTUM OIL AND GAS OY NIITYTAIVAL ; FORTUM OIL OY ; FORTUM OIL OY NIITYTAIVAL

Inventor(s): (std): SEPP AUML L AUML JUKKA ; SEPPELAE JUKKA ; HEINO MARKKU ; WESTMAN MARJUT

Inventor(s): HEINO MARUTSUKU ; SETSUPARA YUTSUKA ; UESUTOMAN MARUYUTSUTO

Designated states: AT BE CH DE DK ES FR GB GR IE IT JP LI LU MC NL PT SE US

Title: METHOD AND **EXTRUSION** MACHINE FOR MANUFACTURING A **BLOW MOULDED PLASTIC** PACKAGING OR BOTTLE AND THE BOTTLE OR PACKAGING OBTAINED

Abstract: It comprises a first stage wherein metering means (2) meter certain amount of a least two thermoplastic materials (3) into a chamber (1), characterised in that said thermoplastic materials (3) are compatible with one another and have a different density from one another, and in that it comprises a second stage wherein said thermoplastic materials (3), thanks to pushing means (4) are conveyed to a heated chamber (8) where they are heated until reaches a certain temperature, a third stage wherein said heated thermoplastic materials (3) are passed through a plastifying means (5) to a duct (6) where their cooling commences with a random scattering of particles of the thermoplastic materials (3) and they are guided to an **extrusion** head (9), a fourth stage wherein said thermoplastic materials (3) are conveyed by **extrusion** head (9) and extruded in **mould** or die (7) in the form of the desired packaging or bottle (11) and with a random scattering of particles of the thermoplastic materials (3), leading to a certain decoration or finish (13).

Classifications:

International (IPC 8-9): B29C47/00 B29C47/04 B29C47/36 B29C47/54 B29C49/00 B29C49/04 B65D1/02 (Advanced/Invention); B29C47/36 (Advanced/Non-invention)

CPC: B29C49/04 B29C47/0023 B29C47/22 B29C49/0005 B29K2023/0608 B29K2995/0021 B29L2031/7158 B29L2031/722 B65D1/0207 B65D2203/00 B29C47/54

European: B29C49/00G B29C49/04 B65D1/02B L29C49/00B L29K995/00E2B L29L31/722 L65D203/00

PatBase - WO12045896_A1

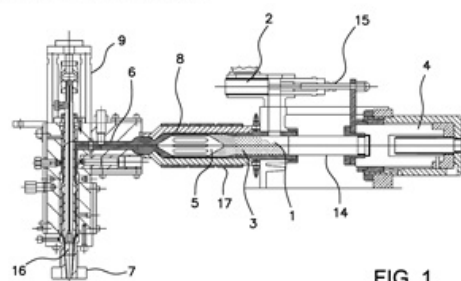


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
ES2449671 AB	20140320	ES20130090037	20101008
ES2449671 BA	20160219	ES20130090037	20101008
ES2449671 R1	20150414	ES20130090037	20101008
WO12045896 A1	20120412	WO2010ES70654	20101008

Priority:

WO2010ES70654 20101008

Probable Assignee: CASADEVALL BANDEMBURG JORGE

Assignee(s): (std): CASADEVALL BANDEMBURG JORGE ; CASADEVALL BAUSELA HUGO

Assignee(s): HUGO CASADEVALL BAUSELA ; JORGE CASADEVALL BANDEMBURG

Inventor(s): (std): CASADEVALL BANDEMBURG JORGE ; CASADEVALL BAUSELA HUGO

Inventor(s): HUGO CASADEVALL BAUSELA ; JORGE CASADEVALL BANDEMBURG

Agent(s): MANRESA MANUEL; MANRESA VAL MANUEL ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: SUCTION BLOWMOLD FOR PRODUCING **EXTRUSION** SUCTION-BLOWMOLDED **PLASTIC** MOLDED PARTS

Abstract: A suction blowmold (1) having a cavity (3) formed by two mold halves (9) for producing **extrusion** suction-blowmolded **plastic** molded parts (10) using the suction-**blowing** method, in which an extruded, plastically deformable preform (2) in the form of a **plastic** melt tube is brought into the closed cavity (3) and in position in the cavity at least partially sliding on the mold surface (5). The suction blowmold (1) according to the present invention is characterized in that at least a part of the mold surface (5) of the cavity (3) has a structuring which provides a reduced sliding friction to the preform (2). A method for producing such a suction blowmold (1), the use thereof for producing **extrusion** suction-blowmolded **plastic** molded parts (10), and corresponding **extrusion** suction-blowmolded **plastic** molded parts (10) are additionally disclosed.

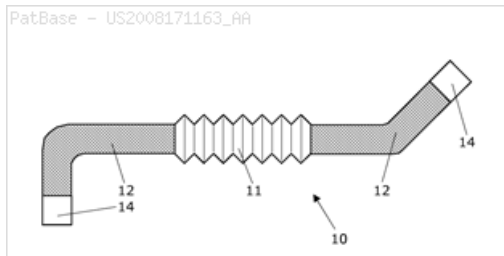
Classifications:

International (IPC 8-9): B24C1/06 B29C33/42 B29C49/00 B29C49/04 B29C49/22 B29C49/28 B29C49/42 B29C49/48 B32B1/02 B32B27/32 (Advanced/Invention); B29K19/00 B29L23/00 B29L31/30 B29L9/00 (Advanced/Non-invention); B29C49/00 B29C49/04 B29C49/22 B29C49/28 B29C49/48 B32B1/00 B32B27/32 (Core/Invention)

CPC: Y10T428/13 Y10T428/1352 B29C49/4242 B24C1/06 B29C33/424 B29C49/04 B29C49/48 B29C49/4817 B29C49/4823 B29C2049/4825 B29K2995/0073 B29L2031/703

European: B24C1/06 B29C33/42C B29C49/42D L29C49/04 L29C49/48 L29C49/48B L29C49/48D L29C49/48D2 L29K995/00F19B L29L31/703

US: 264/523 264/523S 425/522 425/522S 428/34.1 428/34.100S 428/35.7 428/35.700P



Family:

Publication number	Publication date	Application number	Application date
DE502007011511 D1	20130523	DE200750011511T	20070111
EP1944150 A1	20080716	EP20070100390	20070111
EP1944150 B1	20130327	EP20070100390	20070111
ES2408808 T3	20130621	ES20070100390T	20070111
JP2008168621 A2	20080724	JP20070294416	20071113
JP4861299 B2	20120125	JP20070294416	20071113
US2008171163 AA	20080717	US20070933547	20071101
US8075301 BB	20111213	US20070933547	20071101

Priority:

EP20070100390 20070111

Probable Assignee: EMS CHEMIE AG

Assignee(s): (std): CAVIEZEL HEINZ ; EMS CHEMIE AG ; HIRT MARTIN ; KETTL RALPH

Inventor(s): (std): CAVIEZEL HEINZ ; HIRT MARTIN ; KETTL RALPH

Agent(s): RACH WERNER DIPL CHEM DRRERNAT; OK PAT AG; LEHMANN MARIA ISABEL; BROWDY AND NEIMARK PLLC 624 NINTH STREET NW; BROWDY AND NEIMARK PLLC

Designated states: AL BA DE ES FR GB HR IT MK RS SE

Title: METHOD OF MANUFACTURING **PLASTIC** CONTAINERS WITH WEBBINGS

Abstract: A method of manufacturing **plastic** containers with webbings, at which a polymeric raw material in the form of pellets is fed to a hopper of **blow** molding machine, then from the hopper to an extruder, where it is heated and then supplied to a head, at the head outlet the polymer mass is passed between a mandrel and a die, a tubular blank is formed by **extrusion** in a free air, **moulds** are approached and closed for **blowing** followed by supply of compressed air and molding polymeric containers of required shape. On the surface of the mandrel or die **matrix** or both together special grooves are made that provide non-uniform thickness of the container wall forming webbings.

Classifications:

International (IPC 8-9): B29C49/04 (Advanced/Invention)

Family:

Publication number	Publication date	Application number	Application date
UA63420 U	20111010	UA20110002678U	20110309

Priority:

UA20110002678U 20110309

Probable Assignee: AST PRIVATE PRODUCTION CO

Assignee(s): (std): AST PRIVATE PRODUCTION CO

Inventor(s): (std): MAMOCHKA PETRO OLEKSANDROVYCH ; MASLOVATYI MYKHAILO MYKHAILOVYCH ; TSEPELIOV OLEKSANDR SERHIIIOVYCH

Title: Matting agent for films based on vinyl chloride polymers.

Abstract: Finely divided homopolymers and copolymers of vinyl chloride having a mean particle size of less than 10 μm are used for matting **plastic** films. The low particle size means that, when the matting agent is admixed with the polymer composition, an excellent matting effect of the film produced therefrom is obtained without occurrence of the surface structuring which takes place when conventional matting agents are used.

Classifications:

International (IPC 8-9): C08J5/18 C08L101/00 C08L27/06 (Advanced/Invention);
C08L27/00 (Core/Invention)

International (IPC 1-7): B29C49/02 C08F14/06 C08F2/18 C08J3/12 C08J5/18 C08L101/00 C08L27/06

CPC: C08J5/18 C08L101/00

European: C08J5/18 C08L101/00

Family:

Publication number	Publication date	Application number	Application date
DE3721015 A1	19890105	DE19873721015	19870625
DE3851984 D1	19941208	DE19883851984	19880623
EP0296579 A2	19881228	EP19880109996	19880623
EP0296579 A3	19900919	EP19880109996	19880623
EP0296579 B1	19941102	EP19880109996	19880623

Priority:

DE19873721015 19870625 DE19873721015 19870625 DE19873721015 19870625
DE19883851984 19880623

Probable Assignee: WACKER CHEMIE GMBH

Assignee(s): (std): WACKER CHEMIE GMBH

Assignee(s): WACKER CHEMIE GMBH 81737 MUENCHEN DE

Inventor(s): (std): HALLER INGO ; SPINDLER ERNST DIPL PHYS DR ; SPINDLER ERNST DR DIPL PHYS

Inventor(s): SPINDLER ERNST DR DIPL PHYS D 8263 BURGHAUSEN DE ; HALLER INGO D 8263 BURGHAUSEN DE

Designated states: BE DE FR GB IT NL

Title: MULTILAYER POLYMER HOSE LINE OR TUBING HAVEIN REDUCED LENGTH VARIATIONS

Abstract: Two-layered or three-layered polymer tubing for use as a pressurized fluid conduit in automobiles can be either walled or have walls continuously or partially corrugated. The tubing has an outer layer of a hard polymer molding material and an inner layer of a soft rubber-like polymer or a polymer mixture. The inner layer can be provided on the inside with a layer of a thermoplastic adhesion-modified elastomer composition. The a materials are selected for the layers to provide a so-called "hard-soft-combination". The rubber-like polymer composition has a hardness in the range of 30 Shore A to 60 Shore D, especially of about 30 Shore A to 90 Shore A, the compositions being selected so that they are processable by coextrusion or the so-called conex method and adhere directly to each other non-positively or positively fitted, i. e. without additional bonding agent, without delaminating.

Classifications:

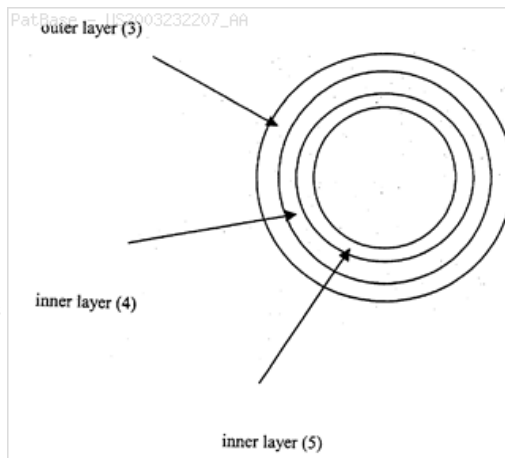
International (IPC 8-9): B32B1/08 B32B27/08 B32B27/32 B32B27/34 C08L23/02 C08L23/10 F16L11/04 F16L11/11 F16L11/18 F16L11/15 (Advanced/Invention); B32B1/08 C08L51/06 C08L53/02 C08L77/00 (Advanced/Non-invention); B32B1/00 B32B27/08 B32B27/32 B32B27/34 C08L23/00 F16L11/00 F16L11/04 F16L11/11 (Core/Invention); C08L51/00 C08L53/00 C08L77/00 (Core/Non-invention)

International (IPC 1-7): B32B1/08 B32B27/08 B32B27/32 B32B27/34 C08L23/02 F16L11/04 F16L11/11 F16L11/15

CPC: Y10T428/1352 Y10T428/1379 Y10T428/1386 Y10T428/1393 F16L11/15 B32B27/32 B32B27/34 C08L23/10 C08L51/06 C08L53/02 C08L77/00 C08L2205/08 C08L2312/00 F16L11/118 Y10T428/31725 Y10T428/3175 B32B1/08

European: B32B1/08 B32B27/32 B32B27/34 C08L23/10 F16L11/118 F16L11/15 M08L205/08 M08L312/00 M08L51/06 M08L53/02 M08L77/00

US: 138/121 138/137 138/140 138/141 138/173 428/35.7 428/36.6 428/36.8 428/36.91 428/474.4 428/474.400S 428/476.3 428/476.300P



Family:

Publication number	Publication date	Application number	Application date
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EP1362890 A1	20031119	EP20020010352	20020507
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JP2003340989 A2	20031202	JP20030128058	20030506
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KR100770507 B1	20071025	KR20030028967	20030507
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US2003232207 AA	20031218	US20030430320	20030507
US7132141 BB	20061107	US20030430320	20030507

Priority:

EP20020010352 20020507

Probable Assignee: EMS CHEMIE AG

Assignee(s): (std): EMS CHEMIE AG

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DIPL CHEM ; STOEPELMANN GEORG DR RER NAT ; KETTL RALPH DIPL ING ; HOFFMANN MICHAEL DIPL
TECHN

Agent(s): BREMI TOBIAS HANS; BROWDY AND NEIMARK PLLC

Designated states: DE FR GB IT

Title: STABILIZED HALOGEN CONTAINING POLYMER COMPOSITIONS

Abstract: The present invention comprises a stabilized halogen containing polymer, preferably poly(vinyl halide), and more preferably poly(vinyl chloride) composition. A preferred polymer composition is a rigid halogenated polymer such as rigid poly(vinyl chloride). The composition contains at least one metal salt selected from the group consisting of at least one carboxylic acid or derivative thereof having at least two carboxyl groups, at least one carboxyl group and at least one hydroxyl group, at least one carboxyl group and at least one mercaptan, and an aromatic carboxylic acid having at least one carboxyl group. The metal salt is most preferably disodium adipate.

Classifications:

International (IPC 8-9): B29C45/72 C08K3/10 C08K5/00 C08K5/09 C08K5/098 C08K5/56 C08K5/57 C08K5/58 C08L27/00 C08L27/02 C08L27/06 (Advanced/Invention); C08L27/00 (Advanced/Non-invention); C08K3/00 C08K5/00 C08L27/00 (Core/Invention); C08K5/00 C08L27/06 (Core/Non-invention)

International (IPC 1-7): B29C45/72 C08K3/10 C08K3/24 C08K5/00 C08K5/09 C08K5/56 C08K5/57 C08K5/58 C08L27/00 C08L27/02 C08L27/06 C08L33/00

CPC: C08K5/58 C08K5/098

European: C08K5/098

US: 524/178 524/180 524/182 524/397 524/417 524/423 524/424 524/430 524/443

PatBase - CA2054908_AA

**SUBSTITUTE
REPLACEMENT**

SECTION is not Present

Cette Section est Absente

Family:

Publication number	Publication date	Application number	Application date
AR246977 A1	19941031	AR19910321420	19911217
AU199186906 A1	19920702	AU19910086906	19911031
AU645621 B2	19940120	AU19910086906	19911031
BRPI9105570 A	19920901	BR1991PI05570	19911223
CA2054908 AA	19920628	CA19912054908	19911104
CN1062912 A	19920722	CN19911012710	19911227
DE69120234 D1	19960718	DE19916020234	19911125
DE69120234 T2	19961107	DE19916020234T	19911125
EP0492803 A1	19920701	EP19910310820	19911125
EP0492803 B1	19960612	EP19910310820	19911125
ES2090261 T3	19961016	ES19910310820T	19911125
HK167796 A	19960913	HK19960001677	19960905
IL99880 A0	19920818	IL19910099880	19911028
JP4304255 A2	19921027	JP19910358112	19911227
KR19920012240 A	19920725	KR19910024327	19911226
MX9102850 A1	19920601	MX19910002850	19911227
TW200507 B	19930221	TW19910105167	19910703
US5100946 A	19920331	US19900634446	19901227

Priority:

US19900634446 19901227 CA19912054908 19911104

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Assignee(s): ATOCHEM NORTH AMERICA INC ; ATOCHEM NORTH AMERICA INC A CORP OF PA ; ATOCHEM NORTH AMERICA INC US ; ATOFINA CHEMICALS INC ; ELF ATOCHEM NORTH AMERICA INC ; REAGANS SPA ; ATOFINA CHEMICALS INC A CORP OF PENNSYLVANIA ; ELF ATOCHEM NORTH AMERICA INC PHILADELPHIA PA US ; HUNG PAUL LK ; SESHADRI SRIRAM ; SMITH WILLIAM L ; DESS DANIEL B ; ARKEMA INC

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Inventor(s): WILLIAM L SMITH ; WILLIAM LEONARD SMITH ; SRIRAM SESHADRI ; SRIRAN SESHADRI ; SESHADRI SRIRAM NEWTOWN PENNSYLVANIA 18940 US ; DANIEL B DESS ; DANIEL BENJAMIN DESS ; HUNG PAUL LK ; PAUL L K HUNG ; PAUL LING KONG HUNG

Agent(s): PHILLIPS ORMONDE FITZPATRICK; BORDEN LADNER GERVAIS LLP

Designated states: DE ES FR GB IT NL SE