

PatBase - Search results 10 August 2015

Search query (5): [SP]: 1. a method for producing a laminated product including applying a slab product to at least one surface of a substrate, the method including: placing the substrate onto the slab material when the slab product is in a semi-set state cutting the slab product to a desired shape or configuration with a vibrating cutting tool when the slab product is in a semi-set state and allowing the laminated product to cure. 2. a method according to claim 1, wherein the substrate includes any material which adheres to the slab product when the slab product is in a semi-set state. 3. a method according to claim 1, wherein the slab product is a cementitious slab. 4. a method according to claim 1, wherein the substrate is a masonry product. 5. a method according to claim 4, wherein the masonry product has already been manufactured and cured and naturally adheres to the slab product material when the slab material is in a semi-set state. 6. a method according to claim 1, wherein the substrate is a curable product and has yet to fully cure and subsequent to the slab product being applied to the at least one surface of the substrate, the curing process adheres the slab product and substrate materials to form a laminated product. 7. a method according to claim 6, wherein the substrate is placed onto the slab material when the slab product is in a semi-set state and the slab product is cut around the substrate. 8. a method according to claim 7, wherein the slab product is cut in line with the edges of the substrate. 9. a method according to claim 7, wherein the slab product is cut in a semi-set state and the substrate is placed onto the previously cut slab product. 10. a method according to claim 1, wherein the surface of the slab product to which a substrate is to be applied, namely, the adhesion surface, is treated with a retardant substance to delay the curing of the adhesion surface of the slab product while allowing the remaining material in the slab product to cure. 11. a method according to claim 10, wherein the adhesion surface is retained moist such that a substrate may be applied at a delayed time after the pouring of the slab product thereby enabling the slab product to partially cure and gain structural integrity while the adhesion surface is prevented from curing at the same rate as the remainder of the slab product. 12. a method according to either claim 10, wherein the retardant substance is a substance that is evenly sprayed onto the adhesion surface of a slab product shortly after the slab is poured and where the retardant substance naturally dissolves or degrades over time thus not interfering with the adhesion of the adhesion surface of the slab product to the applied substrate. 13. a method according to claim 10, wherein the retardant substance is an adhesive. 14. a method according to claim 1, wherein the substrate is placed onto a slab product in a semi-set state and the slab product is cut with a vibrating cutting tool such that the edges of the substrate are in line of the corresponding edges of the slab product. 15. a method according to claim 1, wherein the substrate is placed on to a slab product such that the substrate is offset relative to the slab product to provide a recessed edge on a first side and an over-hanging edge on a second opposing side of the substrate. 16. a method according to claim 1, wherein the slab product is cut with a vibrating tool when the slab product is in a semi-set state and the cutting tool is vibrated at an ultrasonic frequency. 17. a method according to claim 1, wherein the slab product is cut with a vibrating cutting tool wherein the frequency of vibration of the cutting tool is adjusted based on the constituent material of the slab product. 18. a method according to claim 1, wherein the slab product is poured into a mould and allowed to cure to a semi-set state wherein the mould includes at least one contoured or textured surface such that the slab product when removed from the mould exhibits the contoured or textured surface as impressed by the contoured or textured surface of the mould. 19. a method for producing a laminated product wherein a first component of the laminated product is initially a poured slab of cementitious material including cement and materials with the combined mixture having particle sizes sufficiently small to allow the material to be cut with a vibrating cutting tool, comprising: pouring the cementitious material into a mold subsequently applying a substrate once the poured cementitious material achieves a semi-set state, the applied substrate material forming a second component of the laminated product, the substrate material also including cement and materials with particle sizes sufficiently small to allow the substrate material to also be cut with a vibrating cutting tool pouring the cementitious substrate material onto the slab material, allowing both the slab and substrate materials to cure to a semi-set state and cutting the laminated slab product into smaller pieces. 20. a method according to claim 19, wherein a photocatalytic agent is added to the slab product mixture prior to pouring of same. 21. a method according to claim 19, further comprising including the laminated product in a sealable container prior to the product fully curing. 22. a method according to claim 21, wherein the sealable container is evacuated of air prior to sealing. 23. a method according to claim 22, wherein gas is inserted into the sealable container subsequent to evacuation of air. 24. a method according to claim 23, wherein the gas is carbon dioxide. 25. a laminated product produced by a process comprising: placing the substrate onto the slab material when the slab product is in a semi-set state cutting the slab product to a desired shape or configuration with a vibrating cutting tool when the slab product is in a semi-set state and allowing the laminated product to cure. 26. a method according to claim 1, wherein a photocatalytic agent is added to the slab product mixture. 27. a method according to claim 1, further comprising including the laminated product in a sealable container prior to the product fully curing. 28. a method according to claim 27, wherein the sealable container is evacuated of air prior to sealing. 29. a method according to claim 28, wherein gas is inserted into the sealable container subsequent to evacuation of air. 30. a method according to claim 29, wherein the gas is carbon dioxide.

Results: 5

Yenny Campos

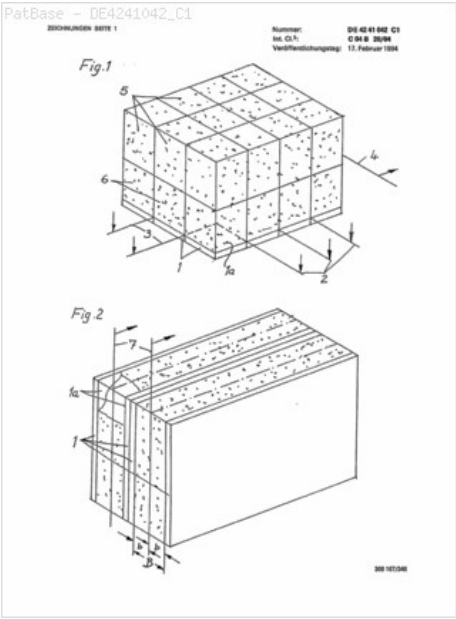
Search history

- Search 1: TAC=(laminated and semi-set and uncured) (Results 0)
- Search 2: TAC=(laminated and semi-set and uncured) (Results 0)
- Search 3: TAC=(laminated and semi-set and uncured) and PN=(wo2013013271) (Results 0)
- Search 4: PN=(wo2013013271) (Results 1)
- Search 5: [SP]: 1. a method for producing a laminated product including applying a slab product to at least one surface of a substrate, the method including: placing the substrate onto the slab material when the slab product is in a semi-set state cutting the slab product to a desired shape or configuration with a vibrating cutting tool when the slab product is in a semi-set state and allowing the laminated product to cure. 2. a method according to claim 1, wherein the substrate includes any material which adheres to the slab product when the slab product is in a semi-set state. 3. a method according to claim 1, wherein the slab product is a cementitious slab. 4. a method according to claim 1, wherein the substrate is a masonry product. 5. a method according to claim 4, wherein the masonry product has already been manufactured and cured and naturally adheres to the slab product material when the slab material is in a semi-set state. 6. a method according to claim 1, wherein the substrate is a curable product and has yet to fully cure and subsequent to the slab product being applied to the at least one surface of the substrate, the curing process adheres the slab product and substrate materials to form a laminated product. 7. a method according to claim 6, wherein the substrate is placed onto the slab material when the slab product is in a semi-set state and the slab product is cut around the substrate. 8. a method according to claim 7, wherein the slab product is cut in line with the edges of the substrate. 9. a method according to claim 7, wherein the slab product is cut in a semi-set state and the substrate is placed onto the previously cut slab product. 10. a method according to claim 1, wherein the surface of the slab product to which a substrate is to be applied, namely, the adhesion surface, is treated with a retardant substance to delay the curing of the adhesion surface of the slab product while allowing the remaining material in the slab product to cure. 11. a method according to claim 10, wherein the adhesion surface is retained moist such that a substrate may be applied at a delayed time after the pouring of the slab product thereby enabling the slab product to partially cure and gain structural integrity while the adhesion surface is prevented from curing at the same rate as the remainder of the slab product. 12. a method according to either claim 10, wherein the retardant substance is a substance that is evenly sprayed onto the adhesion surface of a slab product shortly after the slab is poured and where the retardant substance naturally dissolves or degrades over time thus not interfering with the adhesion of the adhesion surface of the slab product to the applied substrate. 13. a method according to claim 10, wherein the retardant substance is an adhesive. 14. a method according to claim 1, wherein the substrate is placed onto a slab product in a semi-set state and the slab product is cut with a vibrating cutting tool such that the edges of the substrate are in line of the corresponding edges of the slab product. 15. a method according to claim 1, wherein the substrate is placed on to a slab product such that the substrate is offset relative to the slab product to provide a recessed edge on a first side and an over-hanging edge on a second opposing side of the substrate. 16. a method according to claim 1, wherein the slab product is cut with a vibrating tool when the slab product is in a semi-set state and the cutting tool is vibrated at an ultrasonic frequency. 17. a method according to claim 1, wherein the slab product is cut with a vibrating cutting tool wherein the frequency of vibration of the cutting tool is adjusted based on the constituent material of the slab product. 18. a method according to claim 1, wherein the slab product is poured into a mould and allowed to cure to a semi-set state wherein the mould includes at least one contoured or textured surface such that the slab product when removed from the mould exhibits the contoured or textured surface as impressed by the contoured or textured surface of the mould. 19. a method for producing a laminated product wherein a first component of the laminated product is initially a poured slab of cementitious material including cement and materials with the combined mixture having particle sizes sufficiently small to allow the material to be cut with a vibrating cutting tool, comprising: pouring the cementitious material into a mold subsequently applying a substrate once the poured cementitious material achieves a semi-set state, the applied substrate material forming a second component of the laminated product, the substrate material also including cement and materials with particle sizes sufficiently small to allow the substrate material to also be cut with a vibrating cutting tool pouring the cementitious substrate material onto the slab material, allowing both the slab and substrate materials to cure to a semi-set state and cutting the laminated slab product into smaller pieces. 20. a method according to claim 19, wherein a photocatalytic agent is added to the slab product mixture prior to pouring of same. 21. a method according to claim 19, further comprising including the laminated product in a sealable container prior to the product fully curing. 22. a method according to claim 21, wherein the sealable container is evacuated of air prior to sealing. 23. a method according to claim 22, wherein gas is inserted into the sealable container subsequent to evacuation of air. 24. a method according to claim 23, wherein the gas is carbon dioxide. 25. a laminated product produced by a process comprising: placing the substrate onto the slab material when the slab product is in a semi-set state cutting the slab product to a desired shape or configuration with a vibrating cutting tool when the slab product is in a semi-set state and allowing the laminated product to cure. 26. a method according to claim 1, wherein a photocatalytic agent is added to the slab product mixture. 27. a method according to claim 1, further comprising including the laminated product in a sealable container prior to the product fully curing. 28. a method according to claim 27, wherein the sealable container is evacuated of air prior to sealing. 29. a method according to claim 28, wherein gas is inserted into the sealable container subsequent to evacuation of air. 30. a method according to claim 29, wherein the gas is carbon dioxide. (Results 5)

Title: Composite brick or slab prodn. with ready-made decorative cover plate of silicate - by moulding on cement and/or lime compsn., pre-hardening and steam cure in autoclave.

Abstract: Source: DE4241042C1 Prodn. of composite bricks or slabs (I), consisting of a support (II) made from a compsn. (III) contg. cement and/or lime and a ready-made decorative cover plate (IV) or silicate, involves moulding (III) in the plastic state in a mould contg. (IV). The novelty is that when (I) have reached the green stage strength of a cement concrete compsn. or a lime-sandstone compsn. has been pressed, they are hardened with steam under pressure in an autoclave at 150-230 deg. C. Pref. (III) consists of a normal, porous, glass fibre-reinforced or lightweight cement concrete mix or lime-sandstone mix. (IV) consists of natural stone contg. silicate, pref. granite, a ceramic tile or a glass plate. (V) is milk of lime or cement size, pref. applied to a layer of fibre or fabric.

Classifications:
International (IPC 8-9): B28B11/24 B28B19/00 B28D1/00 B32B13/04 E01C5/22 (Advanced/Invention); B28B11/00 B28B19/00 B28D1/00 B32B13/00 E01C5/00 (Core/Invention)
International (IPC 1-7): B28B1/00 B32B13/04 C04B20/04 C04B28/04 C04B28/14 C04B32/00 C04B37/00 C04B38/00 C04B41/00 E01C5/06
CPC: B28B11/245 B28B19/0053 B28D1/005 B32B13/04 E01C5/22 E01C2201/04
European: B28B11/24D B28B19/00H B28D1/00S B32B13/04 E01C5/22 P01C201/04



Family:

Publication number	Publication date	Application number	Application date
DE4241042 C1	19940217	DE19924241042	19921205

Priority:

DE19924241042 19921205

Probable Assignee: HEIDELBERGER ZEMENT AG

Assignee(s): (std): HEBEL AG ; HEIDELBERGER ZEMENT AG

Assignee(s): HEIDELBERGER ZEMENT AG 69120 HEIDELBERG DE ; HEBEL AG 82275 EMMERING DE

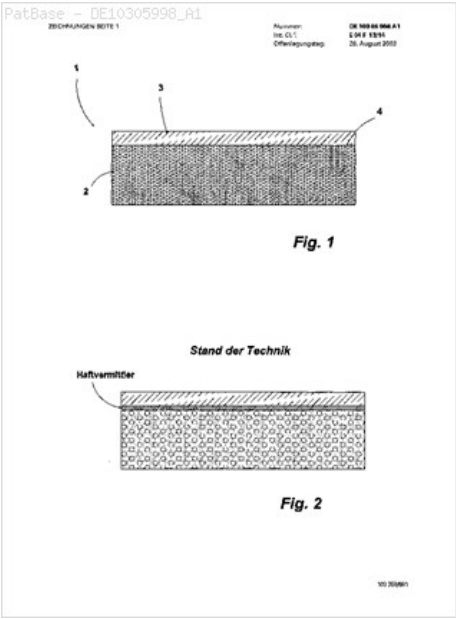
Inventor(s): (std): SCHMIDT MICHAEL DR ; PEUKER SIGFRIED ; KROBOTH KARL DR ; KRAEFT UWE ; FREY EMMO DR

Inventor(s): FREY EMMO DR 8060 DACHAU DE ; KRAEFT UWE DIPL MIN 6906 LEIMEN DE ; KROBOTH KARL DR 6900 HEIDELBERG DE ; PEUKER SIGFRIED 8089 EMMERING DE ; KRAEFT UWE DIPL MIN ; SCHMIDT MICHAEL DR 4006 ERKRATH DE

Title: Concrete block used as a floor tile comprises a support layer of subconcrete containing a bonding additive or additive mixture and a facing plate

Abstract: Concrete block (1) comprises a support layer of subconcrete (2) and a facing plate (3) of natural stone connected to the subconcrete whose upper side forms the useful surface of the concrete block. The facing plate is joined to the subconcrete layer by the bonding properties of the setting concrete. A bonding additive or additive mixture is added to the unset concrete. Preferred Features: The bonding additive is added as an emulsion or in powder form. The surface of the subconcrete layer facing the facing plate has a reduced pore fraction compared with normal concrete.

Classifications:
International (IPC 8-9): E01C5/22 E04C2/26 E04F13/14 E04F15/08 (Advanced/Invention); E01C5/00 E04C2/26 E04F13/14 E04F15/08 (Core/Invention)
International (IPC 1-7): E01C5/06 E04C1/00 E04F13/14 E04F15/08
CPC: E01C5/22 E01C2201/04 E04C2/26 E04F13/144 E04F15/08
European: E01C5/22 E04C2/26 E04F13/14F E04F15/08 P01C201/04



Family:

Publication number	Publication date	Application number	Application date
DE10305998 A1	20030828	DE20031005998	20030212
DE20202065 U1	20020606	DE20022002065U	20020212

Priority:
DE20022002065U 20020212 DE20031005998 20030212

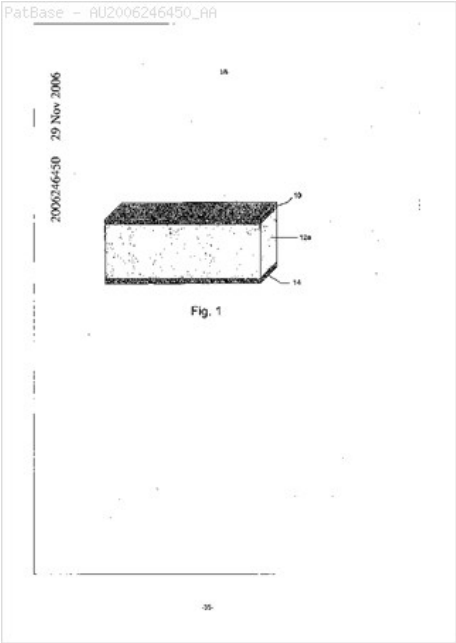
Probable Assignee: KARL HEINZ
Assignee(s): (std): KARL HEINZ
Inventor(s): (std): KARL HEINZ

Title: Composite building material

Abstract: Source: AU2006246450A This invention relates generally to a method of manufacturing a building material by 0 z preforming a fibre cement component of a predetermined size and shape such that the fibre cement component is in a plastic state and is uncured and forming a second component made from a curable material adjacent the fibre cement component. At least the first fibre 0cement component is then cured while adjacent the second component to form the building lmaterial. (T.

Classifications:

International (IPC 8-9): B28B11/00 E04C2/04 E04C2/06 E04C2/34 E04C2/36 (Advanced/Invention); B28B11/00 E04C2/04 E04C2/06 E04C2/34 (Core/Invention)



Family:

Publication number	Publication date	Application number	Application date
AU2006246450 AA	20061221	AU20060246450	20061129
AU2006246450 BB	20090212	AU20060246450	20061129

Priority:

AU20020211394 20011003 AU20020011394 20020422 AU20060246450 20061129
AU20020011394 20020422 AU20060246450 20061129

Probable Assignee: JAMES HARDIE INT FINANCE BV

Assignee(s): (std): JAMES HARDIE INT FINANCE BV ; JAMES HARDIE INTERNAT FINANCE ; JAMES HARDIE INT FINANCE

Assignee(s): JAMES HARDIE INTERNATIONAL FINANCE B V ; JAMES HARDIE TECHNOLOGY LTD

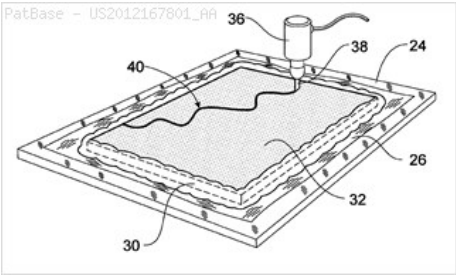
Inventor(s): (std): MERKLEY DONALD J ; GLEESON JAMES A ; DEFORD HARVEY DALE

Inventor(s): DONALD J MERKLEY ; JAMES A GLEESON ; HARVEY DALE DEFORD

Title: MIXTURE FOR SLAB PRODUCTION

Abstract: Source: US2012167801A A method for producing a cementitious slab including mixing together cement with other materials with the combined mixture of materials having physical particle sizes sufficiently small to allow the material to be cut with a vibrating cutting tool when the material is a semi-set state.

Classifications:
International (IPC 8-9): B01F7/00 B01F7/16 B28B1/14 B28B1/16 B28B1/30 B28B1/40 B28B11/12 B28B11/14 B28B11/24 B28B17/00 B28B7/34 B28B7/36 B28D1/22 B65B23/20 C04B28/00 C04B28/02 C04B40/02 C04B41/00 (Advanced/Invention); B28B11/12 B28D1/22 (Core/Invention)
CPC: C04B41/0018 B65B23/20 B28B1/082 B28B7/364 B28B11/247 Y10T428/231 B28B7/342 B01F7/00283 B01F7/1605 B28B11/12 C04B28/02 C04B40/02
European: B01F7/00B16B4 B01F7/16C B28B11/12 B28B7/34B C04B28/02 C04B40/02
US: 106/638 249/183 249/183S 264/160 264/160S 264/426 264/426P 425/164 425/164S 427/294 427/372.2 428/446 428/69



Family:

Publication number	Publication date	Application number	Application date
AU2010273168 AA	20110120	AU20100273168	20100713
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CL2013000145 A1	20131025	CL20130000145	20130114
CN103108732 A	20130515	CN201080068061	20100714
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CN103118846 A	20130522	CN201080068060	20100713
CO6680638 A2	20130531	CO20130029451	20130213
EA201390097 A1	20130628	EA20130090097	20100713
EP2593280 A1	20130522	EP20100799283	20100714
EP2593280 A4	20150506	EP20100799283	20100714
EP2593281 A1	20130522	EP20100799277	20100713
EP2593281 A4	20140312	EP20100799277	20100713
EP2593282 A1	20130522	EP20100799278	20100713
EP2593282 A4	20140226	EP20100799278	20100713
IN01146CN2013 A	20150731	IN2013CN01146	20130212
JP2013530075 T2	20130725	JP20130518907T	20100714
JP2013530859 T2	20130801	JP20130518906T	20100713
KR20130038379 A	20130417	KR20137003696	20100713
KR20130088144 A	20130807	KR20137003695	20100713
KR20130088846 A	20130808	KR20137003755	20100714
MX2013000495 A1	20130605	MX20130000495	20130114
SG186962 A1	20130228	SG20130000114	20100713
TH130029 A	20131211	TH20131000217	20100713
US2012167801 AA	20120705	US20100379261	20100713
US2012168991 AA	20120705	US20100379265	20100713
US2013216761 AA	20130822	US20100810127	20100714
WO11006194 A1	20110120	WO2010AU00889	20100713
WO11006195 A1	20110120	WO2010AU00890	20100713
WO11006200 A1	20110120	WO2010AU00895	20100714

Priority:
AU20090903276 20090714 AU20100900914 20100304 AU20100901414 20100401
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Probable Assignee: SADLER WILLIAM
Assignee(s): (std): ABBEY AND PRIDE IP PTY LTD ; SADLER IL PTY LTD ; SADLER IP PTY LTD ; SADLER WILLIAM ALEXANDER JAMES ; SADLER WILLIAM
Assignee(s): SADLER WILLIAM ALEXANDRE JAMES ; SADLER IP PTY LTD ACN 144 735 713 ; SADLER IP PTY LIMITED
Inventor(s): (std): JAMES SADLER WILLIAM ALEXANDER ; SADLER WILLIAM ALEXANDER JAMES ; SADLER WILLIAM ALEXANDRE JAMES
Inventor(s): WILLIAM ALEXANDER JAMES SADLER
Agent(s): CALDWELL JUDITH MARGARET; FISHER ADAMS KELLY
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: LAMINATED PRODUCT PRODUCED BY PLACING ONE LAYER ONTO A SEMI SET PARTIALLY CURED BASE LAYER

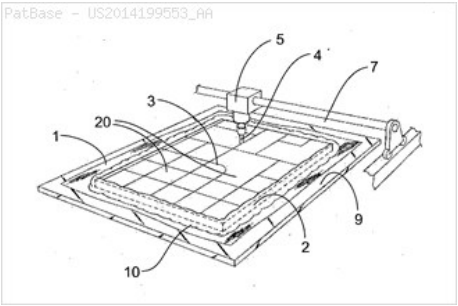
Abstract: Source: US2014199553A A method for producing a laminated product including applying a slab product to at least one surface of a substrate, the method including placing the substrate onto the slab material when the slab product is in a semi set partially cured state, then allowing the laminated product to cure. Preferably the slab is cement based and the substrate is a masonry product, already manufactured and cured, e.g., tiles, mosaics, bench tops. The method may alternatively cast a cementitious slab first, and then when that is partially cured pour the cementitious substrate onto it, then cutting the whole assembly into smaller pieces while the whole assembly is still in a partially cured semi set state.

Classifications:

International (IPC 8-9): B28B1/16 B28B11/00 B28B11/12 B28B11/14 B28B11/24 B28B19/00 B28B7/22 B32B13/00 B32B13/02 B32B13/04 B32B18/00 B32B37/00 B32B37/24 E04C2/24 (Advanced/Invention); B28B B32B E04C (Subclass/Invention)

CPC: B28B1/002 B28B17/0036 B28B23/0075 C04B28/02 C04B40/0295 C04B40/04 C04B40/06 C04B2111/00612 C04B2111/2061 B28B7/0064 B28B7/36 B28B23/0062 B28B19/00 B28B7/22 B28B11/14 B32B37/24 B32B13/00 E04F13/0866 E04F13/141 Y02W30/94

US: 156/73.3 156/73.6 428/446



Family:

Publication number	Publication date	Application number	Application date
AU2012286592 AA	20130131	AU20120286592	20120727
AU2015203692 AA	20150723	AU20150203692	20150701
CA2842967 AA	20140124	CA20122842967	20120727
CL2014000198 A1	20141024	CL20140000198	20140127
CN103826842 A	20140528	CN201280046909	20120727
CO6960528 A2	20140530	CO20140040694	20140226
EA201490348 A1	20140630	EA20140090348	20120727
EP2747995 A1	20140702	EP20120817754	20120727
HK1198151 A1	20150313	HK20140111227	20141105
JP2014527477 T2	20141016	JP20140521878T	20120727
KR20140050695 A	20140429	KR20147005298	20120727
MX2014001049 A1	20140901	MX20140001049	20140127
PE08232014 A1	20140723	PE20140000120	20120727
US2014199553 AA	20140717	US20120234549	20120727
WO13013271 A1	20130131	WO2012AU00889	20120727

Priority:

AU20110902985 20110727 WO2012AU00889 20120727 AU20120286592 20120727
AU20150203692 20150701

Probable Assignee: SADLER WILLIAM

Assignee(s): (std): ABEY AND PRIDE IP PTY LTD ; SADLER WILLIAM ; SADLER WILLIAM ALEXANDER JAMES ; ABBEY AND PRIDE IP PTY LTD

Assignee(s): ABBEY AND PRIDE IP PTY LTD ACN 144 735 713 ; SADLER WILLIAM ALEXANDRE JAMES

Inventor(s): (std): SADLER WILLIAM ALEXANDER JAMES

Inventor(s): SADLER WILLIAM ALEXANDRE JAMES ; WILLIAM ALEXANDER JAMES SADLER

Agent(s): CALDWELL JUDITH MARGARET; DAVIES COLLISON CAVE

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 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 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