PatBase - Search results 17 June 2019
Search query (16): 2 and 15
Results: 298

Search history

Search 1:	Container or vessel or recipiente o receiver o receptacle or bin or (planting w1 device) or (plant* w1 box) or ((plant w1 growing) w1 container) (Results 1000000)
Search 2:	germplasm or seed kernel or seedling* or bulb or plant or Cultivat* or nature or farm or culture or till or plant or sow or bestrew or propagat* (Results 1000000)
Search 3:	1 and 2 (Results 1000000)
Search 4:	exterior or surface or external or out* or wall or open* or aperture* or gap or slit or vent or hole or bore or slit or slot or orifice or gape or eyelet (Results 1000000)
Search 5:	3 and 4 (Results 1000000)
Search 6:	(Film or layer coat or capa or pl or sheet# o blanket#) and cylindric# (Results 3045)
Search 7:	5 and 6 (Results 477)
Search 8:	Cellulose or starch or polyhydroxyalkanoat# or tannin# or CNSL or rosin# or lignin or polylactic# or polylactide# (Results 1000000)
Search 9:	7 and 8 (Results 151)
Search 10:	pd<20170509 (Results 1000000)
Search 11:	IC=(A01G9/10) (Results 15789)
Search 12:	11 and 8 (Results 828)
Search 13:	12 and 4 (Results 618)
Search 14:	1 and 13 (Results 310)
Search 15:	14 and 10 (Results 303)
Search 16:	2 and 15 (Results 298)

1) Family number: 8057003 (EP0429050A1)

Title: DISPOSABLE POT FOR **CULTIVATING** **PLANTS**.

Abstract: The **wall** of the disposable pot is composed of a paper (rigidity layer 10) of sufficient rigidity, coated on both sides with a film (11,11a) of a highly polymerised material. The highly polymerised material contains a finely divided biodegradable substance and can therefore be subjected to biodegradation. Such a construction of the **wall** results in more advantageous conditions for efficient manufacture and **plant** **cultivation**, and allows a higher degree of predetermination of the degradation time of the disposable pot by decomposition as a function of the specific **cultivation** time of the **plant**, while involving less production technology.

Classifications:
International (IPC 8-9): A01G9/10 (Advanced/Invention); A01G9/10 (Core/Invention)
International (IPC 1-7): A01G9/02 A01G9/10 C08L23/02
CPC: A01G9/029
European: A01G9/10

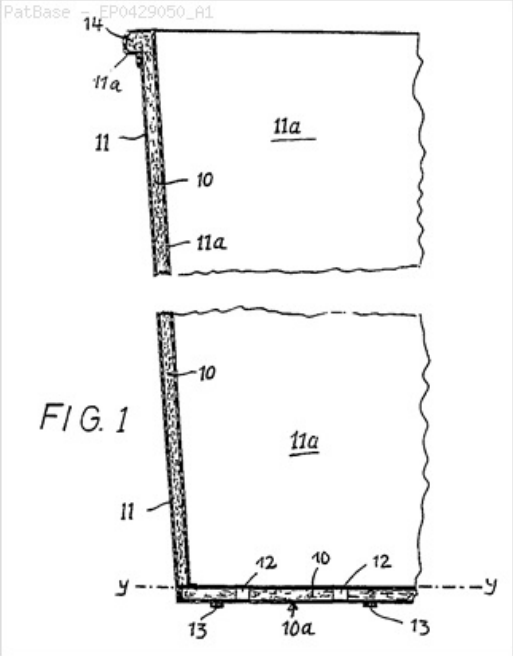


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
DE3938738 A1	19910529	DE19893938738	19891123
DE3938738 C2	19920116	DE19893938738	19891123
EP0429050 A1	19910529	EP19900122118	19901120

Priority:
DE19893938738 19891123

Probable Assignee:	PFEFFER ULRICH
Assignee(s): (std):	PFEFFER ULRICH
Assignee(s):	PFEFFER ULRICH 7347 UNTERBOEHRINGEN DE
Inventor(s): (std):	PFEFFER ULRICH
Inventor(s):	PFEFFER ULRICH 7347 UNTERBOEHRINGEN DE
Designated states:	BE DE DK FR GB IT NL

2) Family number: 62740011 (US2017359965A)

Title: **POLYLACTIC** ACID COMPOSITIONS WITH ACCELERATED DEGRADATION RATE AND INCREASED HEAT STABILITY

Abstract: The disclosure relates to **polylactic** acid compositions comprising a degradation additive and a thermal stability additive. The **polylactic** acid compositions have increased rates of degradation when compared to **polylactic** acid composition without the disclosed additives. The **polylactic** acid compositions are particularly suitable for use in artificial seeds.

Classifications:
International (IPC 8-9): A01C1/06 A01G9/10 A01H4/00 C08G63/08 C08L67/04 (Advanced/Invention)
CPC: C08L2201/06 C08L2203/16 A01H4/006 C08L67/04 C08G63/08 A01G9/0293

Family:

Publication number	Publication date	Application number	Application date
US2017359965 AA	20171221	US20150536339	20151203
WO16099916 A1	20160623	WO2015US63627	20151203

Priority:

US20140094199P 20141219 US20150536339 20151203 WO2015US63627 20151203

Probable Assignee: DU PONT

Assignee(s): (std): DU PONT

Assignee(s): E I DU PONT DE NEMOURS AND CO

Inventor(s): (std): KRATZ KATRINA ; MATHER BRIAN D

Agent(s): AGRAWAL RITESH

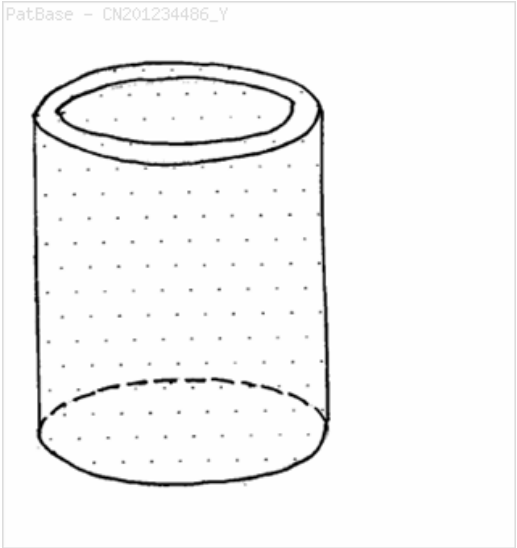
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA 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

3) Family number: 43345012 (CN201234486Y)

Title: Environment protection type living-establishing cup for greening and recovering zoology

Abstract: The utility model discloses a vegetation cup belonging to processed products of **plant** residues obtained from constructed wetlands, which is a product particularly adapting to recover and green on-slope vegetation of highways, mining areas and the like with poor fertility conditions as stony desertification, soil depletion and the like. The vegetation cup is a single **open** cylindrical **container** made of degradable **plant** residues **cellulose**, wherein the degradable **plant** residue **cellulose** is obtained by resourced utilization on obtained constructed wetland **plant** residues, other natural **plant** residues and wetland sediment. The vegetation cup has the advantages of low cost, convenient construction, easy degradation, high survival rate, preventing roots from damages as plantlets can be transplanted with the cup together, avoiding rejuvenation period and the like, which can meet requirements fast greening and ecological recovery for slopes poor in fertility conditions of stony desertification and soil depletion and the like.

Classifications:
International (IPC 8-9): A01G9/10 C05G3/00 (Advanced/Invention); A01G9/10 C05G3/00 (Core/Invention)



Family:

Publication number	Publication date	Application number	Application date
CN201234486 Y	20090513	CN200720105197U	20071130

Priority:
CN200720105197U 20071130

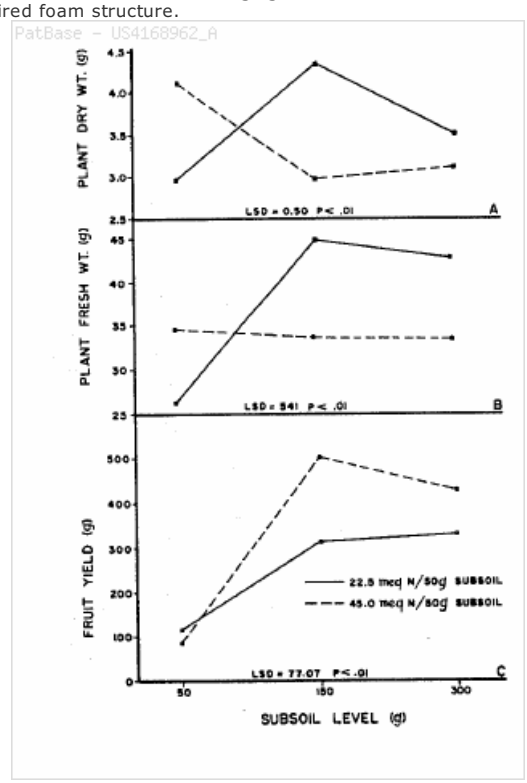
Probable Assignee: YUNNAN KINGYEAR ECOLOGICAL CON
Assignee(s) (std): YUNNAN KINGYEAR ECOLOGICAL CON
Assignee(s): YUNNAN KINGYEAR ECOLOGICAL CONSTRUCTION GROUP CO
Inventor(s) (std): FUSHANG DENG ; FUTANG DENG
Inventor(s): DENG FUSHANG ; DENG FUTANG

4) Family number: 7528013 (US4168962A)

Title: **PLANT** GROWTH MEDIA

Abstract: **Plant** growth media are described as composed of various combinations of vermiculite, perlite, and clay and having superior properties for use as potting soil for **container**-grown **plants**. Such media are characterized by greater moisture capillarity and available moisture retention. There is also less danger of **plant** injury through nutrient deficiencies, over-fertilization, of pH changes. Such media are also characterized by their dry state physical properties in the form of non-compacting, light weight, non-vitreous, rigid foam structures. The dry state media have **plant** nutrients uniformly distributed throughout and fixed in place. These properties make the media superior for wet-casting into **plant** **containers** or extruding into pellets. After filling and upon drying, the media-**containers** can be inverted without dislodging their contents and the media can be repeatedly wetted and dried while maintaining the desired foam structure.

Classifications:
International (IPC 8-9): A01G9/10 C05D9/00
C05G3/00 (Advanced/Invention);
A01G9/10 C05D9/00 C05G3/00 (Core/Invention)
International (IPC 1-7): C05D9/00
CPC: Y10S71/90 Y10S71/904 C05G3/0047 A01G24/00 C05D9/00
European: A01G9/10G A01G9/10K C05D9/00 C05G3/00B4
US: 47/74 71/31 71/61 71/900 71/904



Family:

Publication number	Publication date	Application number	Application date
US4168962 A	19790925	US19780928801	19780728

Priority:
US19760706693 19760719 US19780928801 19780728

Probable Assignee: UNIV MISSOURI
Assignee(s): (std): UNIV MISSOURI
Assignee(s): CURATORS OF UNIV OF MISSOURI ; THE CURATORS OF THE UNIVERSITY OF MISSOURI
Inventor(s): (std): LAMBETH VICTOR N

5) Family number: 1112017 (US3852913A)

Title: SHAPED BIODEGRADABLE **CONTAINERS** FROM BIODEGRADABLE THERMOPLASTIC OXYALKANOYL POLYMERS

Abstract: Shaped **containers** fabricated from material comprising biodegradable thermoplastic oxyalkanoyl polymers, e.g., epsilon-caprolactone polymers, said **containers** possessing a medium to germinate and grow seed or **seedling**, and optionally, a seed or **seedling** in such medium.

Classifications:
International (IPC 8-9): A01G9/02 A01G9/10 A01G9/14 (Advanced/Invention);
A01G9/02 A01G9/10 A01G9/14 (Core/Invention)
International (IPC 1-7): A01C11/02 C08G17/017 C08G63/02
CPC: Y10S260/43 A01G9/021 Y02A40/252 A01G9/0291 A01G9/1438
European: A01G9/02B A01G9/10 A01G9/10D A01G9/14E
US: 260/40R 260/DIG.43 47/37 47/74 523/123 523/125 525/186 525/408 525/450 525/451 525/61 528/354

Family:

Publication number	Publication date	Application number	Application date
CA1008985 A1	19770419	CA19730172634	19730529
US3852913 A	19741210	US19720275972	19720728
US3919163 A	19751111	US19740488499	19740715

Priority:

US19720275972 19720728 US19740488499 19740715

Probable Assignee: UNION CARBIDE CORP

Assignee(s): (std)**:** UNION CARBIDE CORP

Assignee(s): UNION CARBIDE CORP US ; CLENDINNING ROBERT A ; MORGAN GUARANTY TRUST CO ; MORGAN GUARANTY TRUST CO OF NEW YORK AND MORGAN BA ; MORGAN GUARANTY TRUST CO OF NEW YORK AND MORGAN BANK (DELAWARE) COLLATERAL (AGENTS) SEE RECORD FOR REMAINING ASSIGNEES AS ; MORGAN GUARANTY TRUST CO OF NEW YORK AND MORGAN BANK DELAWARE COLLATERAL AGENTS SEE RECORD FOR REMAINING ASSIGNEES AS ; NIEGISCH WALTER D ; POTTS JAMES E

Inventor(s): (std)**:** CLENDINNING ROBERT A ; NIEGISCH WALTER D ; POTTS J ; CLENDINNING R ; POTTS JAMES E

Inventor(s): CLENDINNING R US ; POTTS J US

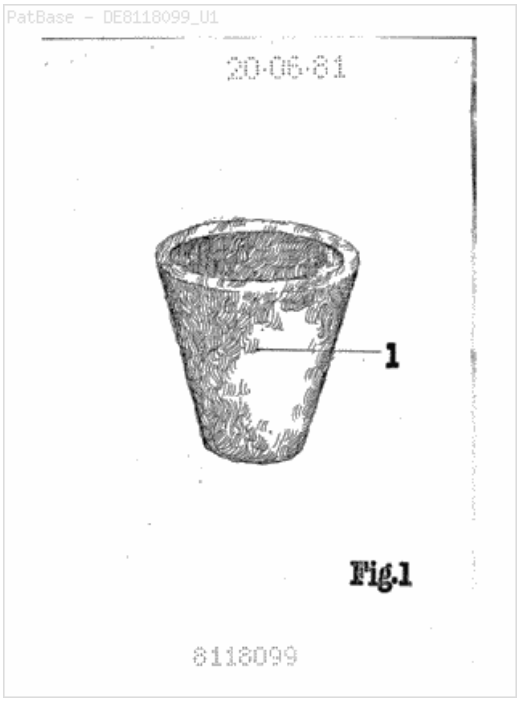
6) Family number: 16560021 (DE8118099U1)

Title: PFLANZTOPF **PLANT** POT (Machine translation)

Abstract: Source: DE8118099U1 [DE] (Claim 1) 1. Pflanztopf, insbesondere zur Anzucht und Auspflanzung von Pflanzen, mit durchlaessigen Waenden, dadurch g e k e n n z e i c h n e t, dass die Waende (1) aus Kokos- fasern bestehen, die durch Latex miteinander verbunden sind.

Machine translation: (Claim 1) 1 **Plant** pot, especially for **cultivation** and **planting** of **plants**, with translucent **walls**, characterized in that the **walls** are (1) of coconut fibers that are connected together through latex.

Classifications:
International (IPC 8-9): A01G9/10 (Advanced/Invention); A01G9/10 (Core/Invention)
International (IPC 1-7): A01G9/10
CPC: A01G9/0291



Family:

Publication number	Publication date	Application number	Application date
DE8118099 U1	19820114	DE19810018099U	19810620

Priority:

DE19810018099U 19810620

Probable Assignee: BOEHRINGER EBERHARD PROF DRAGR

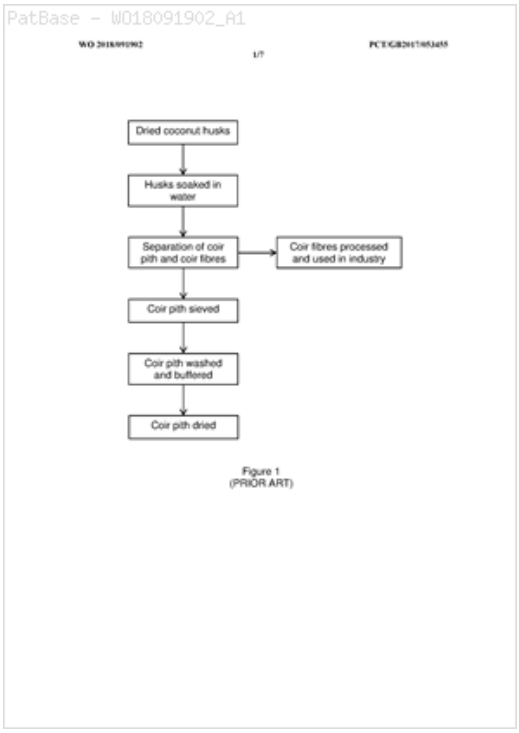
Assignee(s): BOEHRINGER EBERHARD PROF DR AGR 2830 BASSUM DE ; BOEHRINGER EBERHARD PROF DRAGR ; E A H NAUE KG 4992 ESPELKAMP DE ; EAH NAUE 4992 ESPELKAMP DE KG

7) Family number: 65570025 (WO18091902A1)

Title: COIR SUBSTRATE AND APPARATUS AND METHOD FOR THE PRODUCTION THEREOF

Abstract: The present invention relates to an improved coir substrate for use as a growth medium and apparatus and methods for producing and using the same.

Classifications:
International (IPC 8-9): A01G24/00 A01G31/00 A01G9/10 B02C18/00 B07B1/00 C05F11/00 C05F11/02 C05F5/00 (Advanced/Invention)
CPC: B02C18/00 C05F11/00 A01G24/00 B07B1/00



Family:

Publication number	Publication date	Application number	Application date
GB2543968 A1	20170503	GB20160019412	20161116
GB2543968 B2	20171115	GB20160019412	20161116
WO18091902 A1	20180524	WO2017GB53455	20171116

Priority:
GB20160019412 20161116

Probable Assignee: BOTANICOIR LTD

Assignee(s): (std): BOTANICOIR LTD

Inventor(s): (std): BALASURIYA KALUM ; KALUM BALASURIYA

Agent(s): ROBERTSON JAMES

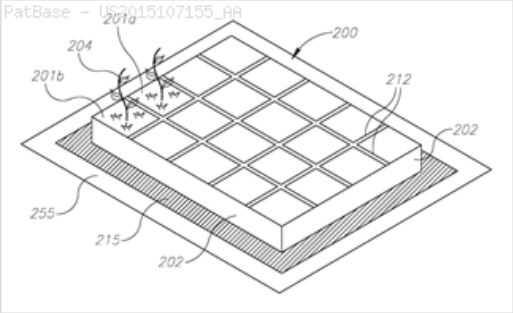
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN 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 SA 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

8) Family number: 55156026 (US2015107155A)

Title: MIXTURE FOR BIODEGRADABLE ARTICLES

Abstract: The present invention provides a mixture based on at least one organic waste component having particles that are equal to or smaller than 2 mm., at least one organic adhesive component and at least one organic plasticizer or emulsifying agent, for the manufacture of biodegradable **planting** pots. The invention also provides a method for automatically **planting** a **plant**, by using a **container** fitted for automatic **planting**, filled with the biodegradable **planting** pots of the invention.

Classifications:
International (IPC 8-9): A01G1/00 A01G9/02 A01G9/029 A01G9/08 A01G9/10 C08L1/02 C08L101/00 C08L89/04 C08L97/02 C08L99/00 (Advanced/Invention)
CPC: C08L1/02 A01G9/02 C08L2201/06 A01G9/021 C08L1/28 C08L3/02 A01G9/0291 C08L97/02 C08L99/00
US: 106/162.5 106/203.2 47/66.7



Family:

Publication number	Publication date	Application number	Application date
AU2013257654 AA	20131114	AU20130257654	20130509
AU2013257654 BB	20161215	AU20130257654	20130509
CA2870636 AA	20141016	CA20132870636	20130509
CN104487504 A	20150401	CN201380019987	20130509
EP2820079 A1	20150107	EP20130787715	20130509
EP2820079 A4	20151216	EP20130787715	20130509
IL235189 A1	20180430	IL20130235189	20130509
JP2015517588 T2	20150622	JP20150510931T	20130509
US2015107155 AA	20150423	US20130390166	20130509
US10039238 BB	20180807	US20130390166	20130509
WO13168120 A1	20131114	WO2013IB53756	20130509

Priority:
US20120644445P 20120509 US20130390166 20130509 WO2013IB53756 20130509

Probable Assignee: BIOPLASMAR LTD

Assignee(s): (std): BIO PLASMER LTD ; BIOPLASMAR LTD ; CHANOCH SAMET

Assignee(s): SAMET CHANOCH ; BIOPLASMAR LTDADERET 103499850HA'ELAIL

Inventor(s): (std): SAMET CHANOCH ; CHANOCH SAMET

Inventor(s): SAMET CHANOCHIL

Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; COLLISON AND CO; FOGLER RUBINOFF LLP; FASKEN MARTINEAU DUMOULIN LLP; MERH IP MATIAS ERNY REICHL HOFFMANN; GEYRA GASSNER KESTEN; S FRIEDMAN AND CO; ROACH BROWN MCCARTHY AND GRUBER PC; MCCARTHY KEVIN D; S FRIEDMAN AND CO ET AL

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 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

9) Family number: 23932031 (US6455149B)

Title: PEAT PELLETS

Abstract: Water swellable pellets, and a method of making, including peat moss, a pH adjusting agent, a wetting agent, and optionally a processing additive, preferably with a bulk density of about 300 kg/m3 to about 600 kg/m3.

Classifications:
International (IPC 8-9): A01C1/06 C05F11/02 C05F11/04 C05G3/00 (Advanced/Invention)
International (IPC 1-7): A01C1/06 A01G9/10 B32B5/16 C05F11/04
CPC: Y10T428/25 Y10T428/258 Y10T428/266 Y10T428/2982 C05G3/0058 A01C1/06 C05F11/02 C05F11/04 C05G3/0047
European: A01C1/06 C05F11/02 C05F11/04 C05G3/00B4 C05G3/00B8
US: 428/323 428/330 428/337 428/402 71/24 71/63 71/64.01 71/64.13

Family:

Publication number	Publication date	Application number	Application date
AU200033626 A1	20000829	AU20000033626	20000211
AU200033626 A5	20000829	AU20000033626	20000211
US6455149 BA	20020924	US20000503611	20000211
WO0047035 A1	20000817	WO2000US03683	20000211

Priority:

US19990120004P 19990211 US20000503611 20000211 WO2000US03683 20000211

Probable Assignee: OF MINNESOTA UNIV

Assignee(s): (std): UNIV MINNESOTA

Assignee(s): MINNESOTA UNIV ; OF MINNESOTA UNIV ; REGENTS OF THE UNIVERSITY OF MINNESOTA

Inventor(s): (std): MALTERER THOMAS J ; HAGEN TIMOTHY S

Inventor(s): TIMOTHY S HAGEN ; THOMAS J MALTERER

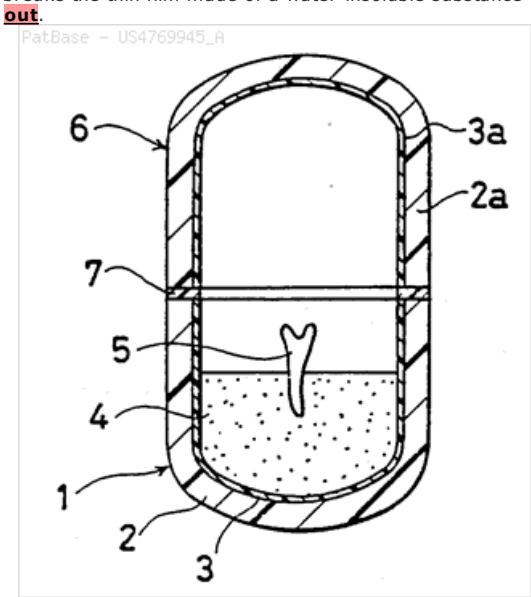
Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

10) Family number: 8746033 (US4769945A)

Title: DELIVERY UNIT OF **PLANT** TISSUE

Abstract: A delivery unit of **plant** tissue of the present invention comprises a **vessel** in which meristematic tissue having the ability to grow into an entire **plant** body through differentiation is received. The body of the **vessel** is made of water-soluble substance and the interior thereof is covered with a water-insoluble substance. Hydrogel is charged in the **vessel** and the meristematic tissue is held by the hydrogel in a state in which its root or rooting portion is embedded therein or it is placed on the hydrogel. The **vessel** has a structure of a closed type with a cap or an **open** type. When the delivery unit of **plant** tissue is seeded in a medium, the water-soluble substance of the **vessel** body is dissolved by water contained in the medium and the bud and root grown **out** of the meristematic tissue breaks the thin film made of a water-insoluble substance which is provided in the interior of the **vessel** so as to further grow **out**.

Classifications:
International (IPC 8-9): A01C1/00 A01G9/10 A01H4/00 C12M3/00 (Advanced/Invention);
A01C1/00 A01G9/10 A01H4/00 C12M3/00 (Core/Invention)
International (IPC 1-7): A01C1/00 A01C1/06 A01G1/00
CPC: A01G9/02 A01H4/001
European: A01G9/10 A01G9/10F A01H4/00B
US: 47/57.6 47/58 47/74



Family:

Publication number	Publication date	Application number	Application date
JP62179303 A2	19870806	JP19860018066	19860131
US4769945 A	19880913	US19870008737	19870130

Priority:
JP19860018066 19860131

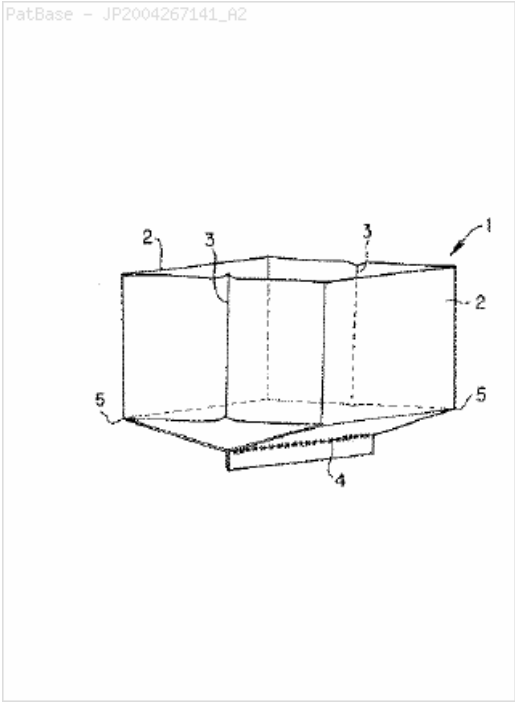
Probable Assignee: FREUNT IND CO LTD
Assignee(s): (std): FREUNT IND CO LTD ; KIRIN BREWERY
Assignee(s): KIRIN BREWERY CO ; KIRIN BREWERY CO LTD
Inventor(s): (std): MOTEGI SASHIRO ; MOTOYAMA SHIMESU ; OGISHIMA HIROAKI ; UMEDA SEIICHI ; MOGI SASHIRO

11) Family number: 31185033 (JP2004267141A)

Title: SHEET FOR **SEEDLING**-RAISING **CONTAINER** AND **SEEDLING**-RAISING **CONTAINER**

Abstract: PROBLEM TO BE SOLVED: To provide a sheet for **seedling**-raising **containers** used for packaging roots/stems of various **plants** and trees and raising **seedlings** in soil in agriculture and horticulture and having biodegradability and a **seedling**-raising **container** obtained therefrom, provided as a folded cylindrical body with bottom, having adequate water permeability suitable for raising **seedlings** and excellent in water resistance and stiffness. SOLUTION: The sheet for **seedling**-raising **containers** has a regenerated **cellulose** layer on at least one **surface** of a biodegradable fibrous base material. The **seedling**-raising **container** is composed of the cylindrical body with bottom obtained from the sheet. The cylindrical body can readily be formed as a box-shaped **seedling**-raising **container** by being rolled in a state forming a gusset.

Classifications:
International (IPC 8-9): A01G9/10 C08L101/16 (Advanced/Invention); A01G9/10 C08L101/00 (Core/Invention)
International (IPC 1-7): A01G9/10



Family:

Publication number	Publication date	Application number	Application date
JP2004267141 A2	20040930	JP20030064519	20030311

Priority:
JP20030064519 20030311

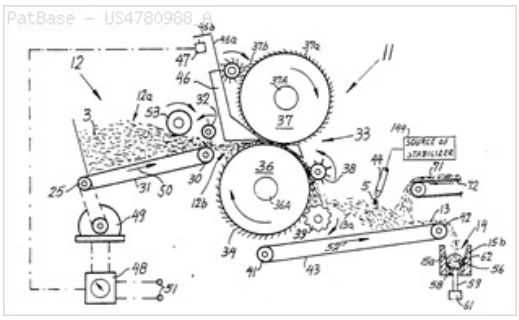
Probable Assignee: TOOSERO PACKS KK
Assignee(s): (std): TOOSERO PACKS KK
Inventor(s): (std): MIYAZAWA KUNITAKE

12) Family number: 28203040 (US4780988A)

Title: METHOD OF PRODUCING ROD-SHAPED INCIPIENT **PLANT** CARRYING DEVICES

Abstract: Rod-shaped incipient **plant** carrying devices which contain or can contain seeds or **plant** cuttings are formed from a web of paper and a filler of synthetic fibers and/or particles of synthetic foam which are first accumulated into a relatively thin but wide layer which is thereupon converted into a narrow stream. The stream is condensed and simultaneously draped into the web to form therewith a continuous rod which is severed by a cutoff to yield a file of discrete carring devices of unit length or multiple unit length. Particles of fertilizer can be admixed to the fibers and/or foam particles of the stream, and spaced-apart portions of the stream can receive seeds in such distribution that the seed in the finished carrying device is equidistant from both end faces of the filler. A bonding agent can be sprayed onto the layer to ensure adherence of neighboring fibers and/or foam particles to one another. The filler can consist of mineral fibers, cellulosic fibers, wood fibers, a mixture of such fibers, phenol-formaldehyde foam, urea formaldehyde foam, polystyrene foam, polyurethane foam, a mixture of such foams or a mixture of foam and fibers.

Classifications:
International (IPC 8-9): A01C1/04 A01C1/06 A01G9/06 A01G9/10 (Advanced/Invention);
A01G31/00 (Advanced/Non-invention);
A01C1/04 A01C1/06 A01G9/06 A01G9/10 (Core/Invention)
International (IPC 1-7): A01C1/04 A01C1/06 A01G1/04 A01G9/00 A01G9/10
CPC: A01G24/00 A01G24/18 A01G24/60 A01C1/042
European: A01C1/04A A01G9/10B A01G9/10G A01G9/10K K01G9/10G1
US: 131/369 47/57.6 47/58 47/58.1R



Family:

Publication number	Publication date	Application number	Application date
CS248715 B2	19870212	CS19840002705	19840409
DD216372 A5	19841212	DD19840261729	19840406
DE3408236 A1	19850321	DE19843408236	19840307
DE3430563 A1	19860227	DE19843430563	19840820
FR2546370 A1	19841130	FR19840005573	19840409
FR2546370 B1	19871016	FR19840005573	19840409
FR2569083 A2	19860221	FR19850004865	19850329
FR2569083 B2	19880212	FR19850004865	19850329
GB2140263 A1	19841128	GB19840010193	19840419
GB2140263 B2	19861231	GB19840010193	19840419
GB2163336 A1	19860226	GB19850020781	19850820
GB2163336 B2	19881026	GB19850020781	19850820
GB8410193 A0	19840531	GB19840010193	19840419
GB8520781 A0	19850925	GB19850020781	19850820
IT1184810 A	19871028	IT19850021909	19850809
IT1196073 A	19881110	IT19840020429	19840406
IT8420429 A0	19840406	IT19840020429	19840406
IT8521909 A0	19850809	IT19850021909	19850809
JP59232029 A2	19841226	JP19840067804	19840406
JP61058526 A2	19860325	JP19850179538	19850816
NL8401106 A	19841217	NL19840001106	19840406
NL8502277 A	19860317	NL19850002277	19850819
US4780988 A	19881101	US19850767183	19850819

Priority:

DE19833318869 19830525 DE19843408236 19840307 US19840598146 19840409
DE19843430563 19840820

Probable Assignee: KORBER AG

Assignee(s): (std): HAUNI WERKE KOERBER U CO DE KG ; HAUNI WERKEKOERBERU CO KG ; HAUNI WERKE KORBER CO KG ; HAUNI WERKE KOERBER AND CO KG ; HAUNI WERKE KOERBER AND CO TE HAMBURG BONDSREPU KG ; KOERBER AG

Assignee(s): KORBER AG ; HAUNI WERKE KORBER AND CO ; HAUNI WERKE KORBER AND CO K G ; HAUNI WERKE KOERBER AND CO KG TE HAMBURG BONDSREPU ; HAUNI WERKE KOERBER AND CO KG TE HAMBURG BONDSREPUBLIEK DUITSLAND ; HAUNI WERKE KOERBER AND CO K G TE HAMBURG BONDSREP ; HAUNI WERKE KOERBER AND CO K G TE HAMBURG BONDSREPUBLIEK DUITSLAND ; HAUNI WERKE KOERBER UND CO KG DE ; HAUNI WERKE KOERBER U CO KG DE ; HAUNI WERKE KORBER AND CO KG ; HAUNI WERKEKOERBERU CO KG DE ; HAUNI WERKE KORBER AND CO A COMPAY OF GERMANY KG ; HAUNI WERKE KOERBER AND CO TE HAMBURG BONDSREPUBLIEK DUITSLAND KG ; HAUNI WERKE KOERBER U CO

Inventor(s): (std): JOHANNES MIELKE ; JOHANNES MIELKE GUNTER BOTTCHER ET PAUL EVERT ; MIELKE JOHANNES DE ; PAURU EBERUTO ; YOHANESU MIIRUKE ; PAUL EVERT ; MIELKE JOHANNES ; BOETTCHER GUENTER DE ; EVERT PAUL DE ; GIYUNTERU BETSUCHIERU ; GUENTER BOETTCHER ; EVERT PAUL ; BOTTCHER GUNTER ; BOETTCHER GUENTER

Inventor(s): GUNTER BOTTCHER

13) Family number: 28621044 (US5267392A)

Title: METHOD OF MANUFACTURING A LAMINATED HIGH FREQUENCY MAGNETIC TRANSDUCER

Abstract: A magnetic transducer for reproducing/recording high frequency signals with a magnetic tape medium includes a pair of opposed transducer head halves separated by an insulation **gap** and bonded together to form a Y-shaped pole structure, each half including a laminated at least partially ferromagnetic core portion bounded on opposite **surfaces** with conductive layers, each of which forms a winding coil portion. Each core section is formed as one-half of a Y-shaped cross-sectional configuration having a leg portion and an angularly disposed arm portion, the distal end of which is capped with a block-shaped ferromagnetic pole tip in magnetic path relation therewith, the two pole tips lying in a common plane transverse to the plane of the **gap**. The conductive layers on the **outer** and inner **surfaces** of the laminated core section form **outer** and inner conductors which, when conductively interconnected, such as by jumpers, are configured to form a one or two turn coil for the transducer. The inner conductor is of an inverted generally U-shaped configuration with the bight portion of the two inner conductors passing through, and substantially filling, the **openings** of the Y-shape on opposite sides of the insulation **gap** layer beneath the pole pieces. The method of fabricating the magnetic transducer generally comprises the steps of forming at least two generally identical transducer head halves, each having generally one half of a Y-shape, commencing with providing a substrate having a **surface** shaped to define the core configuration and having a band shaped to define the pole configurations; applying a conductive layer to the **surface** for providing an **outer** coil conductor; alternately applying laminae of insulating and magnetic material to form a laminated core section; applying a conductive layer over an insulation layer about the face and side edges of the laminated core section for providing an inner generally U-shaped coil conductor; forming, in the band, a pole piece of magnetic material at the distal end of the arm of the core section; bonding two such transducer head halves in facing relation to from a Y-shaped transducer with the bonding material being insulating and forming the **gap** between the two pole pieces.

Classifications:

International (IPC 8-9): A01G9/10 A01N25/24 A21D2/18 A23C9/137 A23G3/34 A23L1/00 A23L1/054 A23L1/218 A24B15/30 A61K31/715 A61K47/36 A61K8/00 A61K8/02 A61K8/34 A61K8/72 A61K8/73 A61K8/99 A61K9/00 A61K9/28 A61K9/48 A61Q11/00 A61Q19/00 A61Q19/10 A61Q5/02 C05G3/00 C08B37/00 C08L5/00 C12P19/10 D21H13/10 D21H17/24 G11B5/127 G11B5/147 G11B5/21 G11B5/265 (Advanced/Invention);
A61K31/715 A61K8/00 A61K8/72 A61Q19/00 A61Q19/10 C12R1/01 (Advanced/Non-invention);
G11B5/127 G11B5/147 G11B5/21 G11B5/265 (Core/Invention)

International (IPC 1-7): A01N25/24 A23L1/054 A61K31/045 A61K31/70 A61K31/715 A61K47/36 A61K7/00 A61K7/075 A61K7/16 A61K7/48 A61K7/50 A63B57/00 C05F11/08 C08B37/00 C08L5/00 C09J103/00 C12P19/04 C12P19/10 D01F9/00 D21H17/21 D21H17/24 G11B5/00 G11B5/127 G11B5/147 G11B5/21 G11B5/265 G11B5/42

CPC: Y10T29/49048 Y10T29/49064 G11B5/1475 G11B5/21 A23L19/20 A23L29/274 A23P20/105 A23G3/343 A21D2/181 A23C9/137 A23G3/346 A23G2200/06 A24B15/30 A61K8/0212 A61K8/73 A61K9/0014 A61K9/0019 A61K9/286 A61K9/4816 A61K47/36 A61Q5/02 A61Q11/00 A61Q19/00 A61Q19/02 C05G3/0052 C08B37/0018 C12P19/10 D21H13/10

European: A21D2/18B A23C9/137 A23G3/34C A23G3/34E A23L1/00P8B6 A23L1/054F A23L1/218 A24B15/30 A61K47/36 A61K8/02F A61K8/73 A61K9/00M3 A61K9/00M5 A61K9/28H6F A61K9/48B A61Q19/00 C05G3/00B6 C08B37/00M2D C12P19/10 D21H13/10 G11B5/147A G11B5/21 K23G200/06 K61Q11/00 K61Q19/02 K61Q5/02

US: 29/603 29/603.16 29/603.25 296/30 360/125 360/125.01 360/126 435/101 435/102 536/123.12 G9B/5.048 G9B/5.059

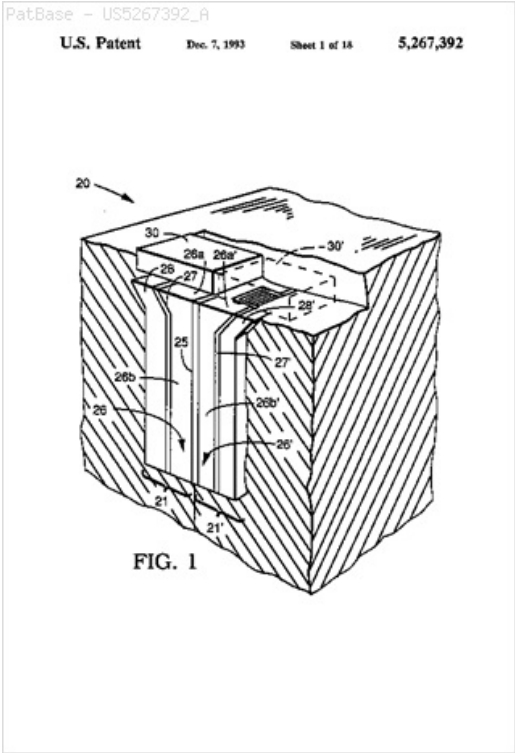


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
AU199333978 A1	19940224	AU19930033978	19930304
AU673151 B2	19961031	AU19930033978	19930304
CA2090953 AA	19940221	CA19932090953	19930303
CA2090953 C	20040413	CA19932090953	19930303
CN1081012 A	19940119	CN19931004039	19930304
DE69329321 D1	20001005	DE19936029321	19930303
DE69329321 T2	20010208	DE19936029321T	19930303
EP0559432 A2	19930908	EP19930301578	19930302
EP0559432 A3	19931027	EP19930301578	19930302
EP0586034 A2	19940309	EP19930301615	19930303
EP0586034 A3	19941214	EP19930301615	19930303
EP0586034 B1	20000830	EP19930301615	19930303
JP3232488 B2	20011126	JP19920265285	19920820
JP6044524 A2	19940218	JP19930069285	19930304
JP6065302 A2	19940308	JP19920265285	19920820
KR100261881 B1	20000715	KR19930003190	19930304
KR100265209 B1	20000915	KR19930003200	19930304
KR19930020365 A	19931019	KR19930003200	19930304
KR19940005803 A	19940322	KR19930003190	19930304
MX9301194 A1	19940831	MX19930001194	19930303
US5267392 A	19931207	US19920845894	19920304
US5402294 A	19950328	US19930122109	19930916
US5518902 A	19960521	US19940361548	19941222

Priority:

US19920845894 19920304 JP19920265285 19920820 CA19932090953 19930303
US19930057908 19930507 US19930122109 19930916 US19940361548 19941222

Probable Assignee: AMPEX CORP

Assignee(s): (std)**:** AMPEX SYSTEMS CORP ; HAYASHIBARA BIOCHEM LAB ; HAYASIBARA SEIBUSEU GAGAKU GEN

Assignee(s): HAYASIBARA SEIBUSEU GAGAKU GENGKYUJYO KK ; HILLSIDE CAPITAL INC ; KABUSHIKI KAISHA HAYASHIBARA SEIBUTSU KAGAKU KENKYUJO ; KABUSHIKI KAISHA HAYASHIBARA SEIBUTSU KAGAKU KENKYUJO OKAYAMA ; NOMURA TATSUO ; MIYAKE TOSHIO ; OZAKI YOSHIHIDE ; HAYASHIBARA BIOCHEM LAB INC ; HAYASHIBARA SEIBUTSU KAGAKU KENKYUJO KK ; HAYASHIBARA SEIBUTSU KAGAKU KENKYUJO OKAYAMA KK ; ANPETSUKUSU SYST CORP ; AMPEX A OF CA CORP ; AMPEX CORP ; AMPEX SYSTEMS A DE CORP CORP

Inventor(s): (std)**:** BEVERLEY R GOOCH ; BEVERLY R GOOCH ; BIBARII AARU GUUCHI ; GEORGE R VARIAN ; GOOCH BEVERLEY R ; JIYOOJI AARU BARIAN ; VARIAN GEOGRE R ; VARIAN GEORGE R ; OZAKI YOSHIHIDE ; NPMURA TATSUO ; NOMURA TATSUO ; MIYAKE TOSHIO ; GOOCH BEVERLY R

Inventor(s): YOSHIHIDE OZAKI ; TOSHIO MIYAKE ; TATSUO NOMURA

Agent(s): CALLINANS; FISHER ADAMS KELLY CALLINANS; SPRUSON AND FERGUSON; MACRAE AND CO

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

14) Family number: 34722048 (BRPI0500126A)

Title: RECIPIENTE BIODEGRADAVEL PARA MUDAS Biodegradable **CONTAINER** **PLANTS** (Machine translation)

Abstract: Source: BRPI0500126A [PT] 1 ss4 • ## »m« #e ## • • • t ss • • • ••• • •• • • e # # e # # • ## • •• • • h Recipiente biodegradavel para mudas, particularmente referindo-se a um tuebulo construido a partir de uma mistura de materias-primas biodegradaveis empregados como criadouros de mudas de plantas, permitindo que sejam transplantadas ao local definitivo sem a remocao do recipiente de contencao, sendo que mencionado tubulo apresenta composicao tal que propicia a nutricao da planta ate o seu enraizamento definitivo no novo lugar. **Machine translation:** 1 ss 4 • ## "m" #and ## • • • t ss • • • ••• • •• • • and # # # and # ## • • •• • • h biodegradable **container** for **plants**, particularly referring to a tuebulo constructed from a mixture of raw materials biodegradable employed as **seedlings** of breeding, allowing them to be transplanted to the final location without removing the containment **vessel**, and said tubule has composition that promotes the **plant** nutrition until their final roots in the new place.

Classifications:
International (IPC 8-9): A01G9/029 A01G9/10 (Advanced/Invention);
A01G9/10 (Core/Invention)
International (IPC 1-7): A01G9/10

Family:

Publication number	Publication date	Application number	Application date
BRPI0500126 A	20061114	BR2005PI00126	20050117

Priority:

BR2005PI00126 20050117

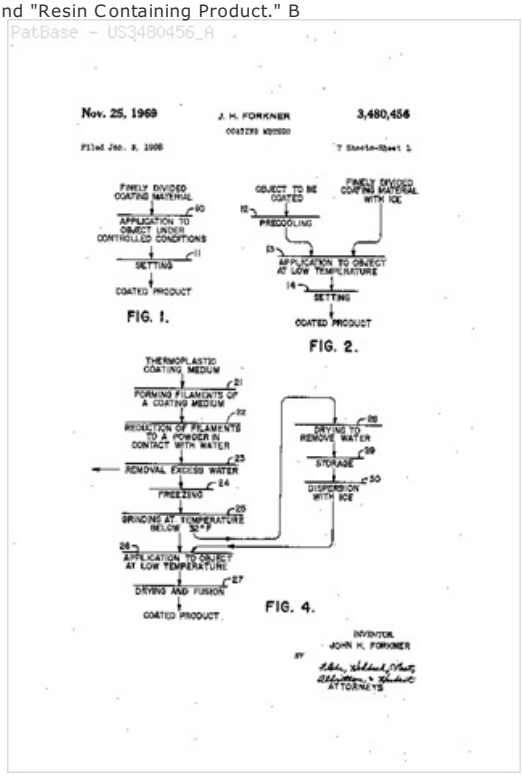
Probable Assignee:	LUIZ FERNANDO ROCHA
Assignee(s): (std):	LUIZ FERNANDO ROCHA ; ROCHA PAULO CESAR
Assignee(s):	PAULO CESAR ROCHA
Inventor(s): (std):	ROCHA PAULO CESAR
Inventor(s):	PAULO CESAR ROCHA

15) Family number: 25853049 (US3480456A)

Title: COATING METHOD

Abstract: ABSTRACT OF THE DISCLOSURE
A method for applying resin or resin containing materials to the **surfaces** of various products. The material is applied as powder particles under low temperature conditions, and thereafter the powder is set or cured at a higher temperature. The resin may be thermoplastic or thermosetting and may contain a blowing agent. CROSS-REFERENCE TO RELATED APPLICATIONS This application is a continuation-in-part of my copending applications Ser. No. 211,181 filed July 20, 1962 (now abandoned), and Ser. No. 289,277, filed June 20, 1963, now abandoned. Also reference is made to my copending applications filed simultaneously herewith entitled "Fibrous Product" and "Resin Containing Product." B

Classifications:
International (IPC 8-9): A01C1/06 A01G9/10 A61F13/00 B01D43/00 B05C19/06 B05D1/24 B05D3/00 B27K3/15 C05G3/00 C09D5/03 C09J5/06 D04H1/64 D04H1/68 D06M13/02 D06M15/39 D06M23/00 D06M23/08 D06N3/00 D06N3/06 D06N3/14 D06N7/00 (Advanced/Invention);
A01C1/06 B05D1/22 B05D3/00 B27K3/02 C05G3/00 C09D5/03 D06M15/37 D06M23/00 D06M23/08 D06N3/00 D06N7/00 (Core/Invention)
International (IPC 1-7): B05D1/00 B05D1/12 B05D1/22 B29B1/02 B44D1/02 C09D5/00
CPC: Y10S521/918 D06N7/0057 A01C1/06 B05D1/24 B05D3/00 C05G3/0035 C09D5/03 D06M15/39 D06M23/00 D06M23/08 D06N3/0093
European: A01C1/06 B05D1/24 B05D3/00 B27K3/15 C05G3/00B2H C05G3/00PH C09D5/03 D06M15/39 D06M23/00 D06M23/08 D06N3/00G2D D06N7/00B8G
US: 117/3 241/23 427/212 427/299 427/375 427/385.5 427/4 521/918



Family:

Publication number	Publication date	Application number	Application date
AU3323163 A1	19650121	AU19630033231	19630719
BE635185 A	00000000		00000000
CH448011 A	19680329	CH19630009066	19630719
CH906663 A4	19670731	CH19630009066	19630719
DE1571067 A1	19701022	DE1963M057581	19630720
FR1377319 A	19641106	FR19630942143	19630720
GB1046467 A	19661026	GB19630028248	19630717
LU44092 A	19640119	LU19630044092	19630719
NL295570 A	00000000		00000000
SE318397 B	19691208	SE19630008047	19630719
US3480456 A	19691125	US19680695520	19680103

Priority:
US19620211181 19620720 US19630289277 19630620 FR19630942143 19630720 US19680695520 19680103

Probable Assignee: MONSANTO CHEMICALS
Assignee(s): (std): FORKNER JOHN H ; MONSANTO CHEMICAL CO ; MONSANTO CHEMICALS ; MONSANTO CO
Assignee(s): MONSANTO COMPANY ; MONSANTO CHEMICAL COMPANY ; JOHN H FORKNER
Inventor(s): (std): HOOD FORKNER JOHN ; FORKNER J ; FORKNER JOHN H
Inventor(s): JOHN HOOD FORKNER ; JOHN H FORKNER