

HUNG TA GARDEN ENTERPRISE CO., LTD.

Fax:886-49-2521619

website:www.aquahung.com



Product development history and vision

- With the continuous innovation of market demand, and to enable users to enjoy better product service and experience.
- The company is committed to the continuous development of multifunctional garden hose, household hose, and in response to market demand, and constantly improve the quality, in order to achieve the highest customer satisfaction as the ultimate goal. This product in both quality and function is a major innovation in the hose industry, the manufacture of multifunctional extendable garden hose in the quality of not only trustworthy, more recognized in the market and well received.

The current situation of hose in a predicaments use in the market

- A. Still washing the car with a bucket?
- B. It's not cheap to pay for car washing.
- C. Water pressure small difficult to flush.
- D. Traditional hose are always knotted.
- E. Inferior hose are always damaged.



That is your daily life often encountered trouble?

★An innovative product that makes the market surprise multifunctional Extendable





5/8"



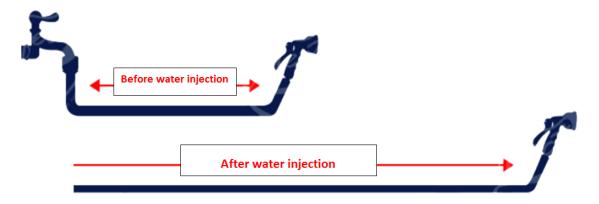
5/8"



5/8"

How to use this hose?

- Easy to use: It can be expanded 100% up to 2 times of its original length with water pressure, then retracts in a few seconds when the water is turned off.
- Suggested working water pressure at 3Bar (45psi).
- Instant burst pressure at 14bar for plastic quick connector and 250psi for male/female connector.







Inner and outer tube simultaneous extension.

Lighter weight, easy for storage: 70% Lighter Weight Compared to Traditional hose, Wrapped Bobbin & Gripper tube, but small size 60%. (i.e. 50ft/15m)











Scratch & ultra-abrasion resistant.









★Exclusive leak proof design (patented invention):

Prolong pipe life Movable "C" buckle to prevent locking the inner tube

Movable C buckle design purpose, after long-term use if the water pipe leaks, please lower hex joint lock up, you can stop water

Long-term use after the pipe wall thinning, when the resulting water pipe from the tap off, just can cut the leak, repair easy is the industry's only.

ABS material connector can afford long-time sunlight and it is not easy to brittle.



Other brands: Plastic sleeve is prone to bursting and unstable.







C Buckle design for better leak proof!





Self-repairing teaching when water pipes are leaking



1. Cut the broken place with scissors off



2. Remove C-buckle



3. Re-insert the inner & outer tube into the connector and fasten the C-buckle



4. Ensure of locking the C-buckle, push the hex joint upward and tighten the water pipe in the right hand.



5. Tighten the male connector to tighten the clockwise



6. Self-repair completed!



◆Durable design of raw materials

1. High-strength flat woven fabric, abrasion resistant, extended service life



Material:

High-strength polyester fiber weaving

Features:

- ◆ Anti-UV 300 hours
- Compliance with EU non-toxic inspection standards
- Compliance California 65
- Longitudinal expandable
- → High-strength Tetoron increases wear resistance.

◆Integrated explosion-proof inner tube with heat-resistant material:

With high strength woven fabric tube, which can withstand 40 PSI-100 PSI water pressure without burst.



Material:

◆TPE composite material

Features:

- ♦ Heat resistant up to 50°C
- ◆ Cold resistant -20°C
- ◆ Compliance with EU non-

toxic inspection standards

- ◆ Compliance California 65
- ◆ Longitudinal / Lateral

expansion and contraction



◆Make your work easier: watering flowers, cleaning, car wash, pet bathing, etc.











Tedron polyester fiber weaving: Non-toxic certificate



ISO 9001 Certified Worldwide

2016-03-17

RoHS.doc

DyStar Colours Distribution GmbH, Cologne Office, Julius-Bau-Straße 2, D-51063 Köln

To whom it may concern

Your ref / Your message

Our ref / Our message

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DyStar Letter of Confirmation

This is to confirm that DyStar dyestuff-, pigment- and auxiliary preparations do not contain any of the hazardous substances listed in the European RoHS directive 2011/65/EC as intentional components.

All DyStar dyestuff, pigment and auxiliary preparations can be used for the treatment of electronic parts in full compliance with the RoHS directive 2011/65/EC, amended 31.03.2015.

The following limits for hazardous substances in electronic articles as set in EU Commission Decisions currently set into force and amending the Annex of the RoHS directive 2011/65/EC cannot be violated by the use of DyStar products:

- Lead, mercury, hexavalent chromium: 0.1 % each
- Cadmium: 0.01 %
- polybrominated Biphenyls (PBB) or polybrominated Diphenylethers (PBDE): 0.1 %
- Bis(2-ethylhexyl)phthalat (DEHP): 0,1 %
- Benzylbutylphthalat (BBP): 0,1 %
- Dibutylphthalat (DBP): 0,1 %
- Dilsobutylphthalat (DIBP): 0,1 %

Furthermore, we declare that the directive 2012/19/EU of the European Parliament and of the Council of 4 July 2012 on waste electrical and electronic equipment (WEEE) is not of relevance according to DyStar dyestuff-, pigment- and auxiliary preparations.

All products are supplied subject to DyStar's standard Terms and Conditions of Sale.

With best regards

DyStar Colours Distribution GmbH

Dr. Dietmar Fiedel Technology

Global Product Safety & Ecology

Commerzbank AG Frankfurt am Main Bank Code: 500 400 00 Account No.: 632 8777 00 IBAN DE44 5004 0000 0632 8777 00

Reg. Office: Frankfurt am Main AG Frankfurt HRB 86808 General Manager: Eric Honman Xu Yalin; Jianfang Yao, Lup Bir Shankerbhai Rughnathbhai Pate

DyStar Colours Distribution GmbH Correspondence Address: Cologne Office, Julius-Bau-Straße 2, D-51063 Köln Phone (49) 221 933170- Fax (49) 221 933170 70

ABS Plastic Connector: Non-toxic certificate

FORMOSA CHEMICALS & FIBRE CORP.

201, Tung Hwa N. Road Taipei, Taiwan, R.O.C. Fax: +886-2-27131649 Tel: +886-2-27122211

ABS

Certificate of Product Safety

May 12, 2014

Dear Sirs:

We hereby certify that the following resin produced by Formosa Chemicals & Fibre Corporation listed below:

TAIRILAC ABS AG1000, AG12A0, AG12A1, AG12A1-H, AG12A3, AG12AJ, AG15A0, AG15A1, AG15A1-H, AG15A2, AG15A3, AG15AB, AG15AJ, AG15AM, AG15E0, AG15E1, AG15E1-H, AG15E3, AF3500, AF3535, AF3560, AF3600, AX4000, AX4100, AX4300, AG22AT, AT5500, AT5800, AG10NP, AG10AP, AE8000, AE8200, AH2003, ANC100, ANC120,

TAIRILAC ASA WG1700, WF3300, WE8100, WE8500

TAIRISAN SAN NF2100, NF2200, NF2200AE, NX3200, NX3400,

TAIRIREX PS GP5000, GP5250, GP525N, GP5350, GP535A, GP535N, GP5500, GP550N, GP550N-1Y, MP6500, HP8250, HP9450

TAIRILOY PC/ABS AC2000, AC2100, AC2300, AC2400, AC2500, AC3100, AC3100AF, AC3250 TAIRILITE PC AC2820, AC2821, AC3830, AC3831, AC3400, AC3600, AC3610, AC3700, AC3710, AC3800, AC3900,

conforms to the requirement that no chemicals as following are added.

- 1. PBBEs (Poly Bromo Bisphenyl Ethers),
- 2. PBBs (Poly Bromo Bisphenyls),
- Ozone Depleting Chemicals (CFCs & HCFCs).
- 4. Short Chain Chlorinated Paraffin (C10-C13),
- Polyvinyl Chloride (PVC),
- 6. Mercury (Hg) and its compounds,
- 7. Lead (Pb) and its compounds,
- 8. Cadmium (Cd) and its compounds,
- 9. Chromium (Cr) and its compounds,
- 10. Arsenic (As) and its compounds,
- 11. Antimony (Sb) and its compounds,
- 12. Selenium (Se) and its compounds,
- 13. Barium (Ba) and its compounds,
- 14. Chromium (Cr) VI and its compounds.
- 15. Organic tin compounds,
- 16. Polychlorinated Biphenyls (PCBs) and Terphenyls (PCTs).

FORMOSA CHEMICALS & FIBRE CORP.

201, Tung Hwa N. Road Taipei, Taiwan, R.O.C. Tel· +886-2-27122211 Fax: +886-2-27131649

- 17. Poly naphthalenes,
- 18. Azo compounds.
- 19. Polychlorinated naphthalene,
- 20. Asbestos,
- 21. Phthalates (DEHP/BBP/DBP/DINP/DIDP/DNOP/DMP/DEP/DPP/DNP/DCHP/DnHP/DIBP/DPrP/DIOP)
- 22. Nonyl-phenol (NP),
- 23. Nonvl-phenol-ethoxylates (NPE),
- 24. 2-(2'-Hydroxy-3',5'-di-tert-butylphenyl)benzotriazole,
- 25. Red phosphorus,
- 26. Perfluorooctane sulfonate (PFOS) & Perfluorooctanoic acid (PFOA)
- 27. Dimethylformamide(DMF)

With regard to composition of above grades, they can comply with the Directives of RoHS (2002/95/EC), 2003/11/EC, EN71 part 3 and SONY standard (SS-00259).

Sincerely Yours.

Kuo-cheng Chen

Kuo-Cheng Chen

R & D Department

Plastics Division



Plastic non-toxic substance declaration

FORMOSA CHEMICALS & FIBRE CORP. 201, TUNG HWA N.R., TAIPEI, TAIWAN R.O.C. FAX: 886-2-27180358 TEL:886-2-27122211

Certificate of Product Safety



Dear Sirs:

We hereby certify that the following TAIRIPRO resin produced by Formosa Chemicals & Fibre Corporation.

Homo Grade B1101, F1611, F2003, F2011, K1011, K1023, K1035, K1108,

K1525, K2038, K2051, K2065, S1003, S1005, S1019, S1023, S1040, S1803, S2023, S2035, S2123, T1002, T1202, T2502,

F4002, F4007, F4008, K4015, K4038, K4502, K4515, K4535, Random Grade

K4635, K4715, T4002, T3002, K4650,

B8001, BC03ZX, K3004, K3009AU, K3029, K7005(AX), Copo Grade

K8003, K8005, K8009, K8025, K8050, K8065, K8802, K9003, K9010, K9017, KP03B, T7002, T8002, K3009AN, K7009(AH),

K7025

conforms to the requirement that no chemicals as following are added.

- PBBEs (Poly Bromo Bisphenyl Ethers),
- PBBs (Poly Bromo Bisphenyls),
- Ozone Depleting Chemicals (CFCs & HCFCs),
- Chlorinated Paraffin (C10-C13),
- Polyvinyl Chloride (PVC). Mercury (Hg) and its compounds
- Lead (Pb) and its compounds,
- Cadmium (Cd) and its compounds Chromium (Cr) and its compounds,
- Arsenic (As) and its compounds,
- Antimony (Sb) and its compounds,
- 12. Selenium (Se) and its compounds,
- 13. Barium (Ba) and its compounds,
- Chromium (Cr) VI and its compounds,
- 15. Organic tin compounds, 16. Polychlorinated Biphenyls (PCBs) and Terphenyls (PCTs),
- 17. Poly naphthalenes,
- Azo compounds,
- Polychlorinated naphthalene
- Asbestos,
- Phthalates (DEHP/BBP/DBP/DINP/DIDP/DNOP/DMP/DPP/DNP/DCHP/DnHP/DIBP/DPP/DIOP)
- Nonyl-phenol (NP),
- Nonyl-phenol-ethoxylates (NPE),
- 24. 2-(2'-Hydroxy-3',5'-di-tert-butylphenyl)benzotriazole

With regard to composition of above grades, they can comply with the Directives of RoHS (2002/95/EC), 2003/11/EC, TCO'99, Blue Angel and SONY standard (SS-00259).

Sincerely Yours,

Kuo-cheng Kuo-Cheng Chen

R & D Department Plastics Division



CHIMEI

奇美實業股份有限公司 CHI MEI CORPORATION

59-1 SAN CHIA, JEN TE, TAINAN COUNTY, TAIWAN. TEL: 886-6-266-5000 FAX: 886-6-266-5555~7

- (PCTs) and Naphtalenes (PCNs)
- 20. Poly naphthalenes
- 21. Azo colorants (according to REACH-ANNEX-XVII-APPENDIX 8)
- Asbestos
- 23. Phthalates
- Octylphenol(OP), Nonylphenol(NP)
- Octylphenol ethoxylates(OPE), Nonylphenol ethoxylates(NPE)

- 44. Polyamide
- 45. PVDC (polyvinylidene chloride)
- 46. ESBO (Expoxidized soybean oil)
- 47. Formamide
- 48. Hexabromocyclododecane (HBCDD)
- 49. Red phosphorus
- 50. Aniline formaldehyde polycondensate

With regard to composition of above grades of products, the aforesaid products comply with the Directives of RoHS (2011/65/EC), 2003/11/EC, TCO'99, Blue Angel and SONY Standard (SS-00259).

Sincerely Yours.

Perry D. B. Shiueh

Vice President of R&D Division

SGS Testing Report: The inner tube does not contain eight heavy metals (left one) The inner tube complies with the REACH standard (right one)

測試結果(Test Results)

測試部位(PART NAME)No.1 : 整體混測 (MIXED ALL PARTS)

測試項目 (Test Items)	單位 (Unit)	测試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result) No.1
溶出銻 / Soluble Antimony (Sb)	mg/kg	参考ASTM F963-11 Clause 8.3方法, 以威應耦合電漿原子發射光譜儀檢測。 / With reference to ASTM F963-11 Clause 8.3. Analysis was performed by ICP-AES.	5	n. d.
溶出砷 / Soluble Arsenic (As)	mg/kg		2.5	n. d.
溶出鋇 / Soluble Barium (Ba)	mg/kg		10	n. d.
溶出鎬 / Soluble Cadmium (Cd)	mg/kg		5	n.d.
溶出鉻 / Soluble Chromium (Cr)	mg/kg		5	n. d.
溶出鉛 / Soluble Lead (Pb)	mg/kg		5	n. d.
溶出汞 / Soluble Mercury (Hg)	mg/kg		5	n. d.
溶出硒 / Soluble Selenium (Se)	mg/kg		5	n.d.

備註(Note):

- 1. mg/kg = ppm ; 0.1wt% = 1000ppm
- 2. n.d. = Not Detected (未檢出)
- 3. MDL = Method Detection Limit (方法偵測極限值)
- 4. 樣品的測試是基於申請人要求混合測試,報告中的混合測試結果不代表其中個別單一材質的含量. (The samples was/were analyzed on behalf of the applicant as mixing sample in one testing. The above results was/were only given as the informality value.)

測試樣品(Test Sample):

测試部位(PART NAME) No.1: 整體混測 (MIXED ALL PARTS)

测試結果 (Test Results) (單位Unit: %)

A DESCRIPTION OF THE STATE OF T			
物質名稱	報告 極限値	結果 (Result)	分類 (Classification)
(Substance Name)	(RL)	No. 1	77 99 (Classification)
慈 / Anthracene (CAS No.: 120-12-7)	0. 05	n. d.	PBT
4,4' - 二氨基二苯甲烷 / 4,4' - Diaminodiphenylmethane (CAS	0. 05	n. d.	CC 1B
No.: 101-77-9)			
鄭苯二甲酸二丁酯 / DBP (Dibutyl phthalate) (CAS No.: 84-74-2)	0.05	n. d.	TRC 1B
鄰苯二甲酸丁苯甲酯 / BBP (Butyl Benzyl phthalate) (CAS No.:	0.05	n. d.	TRC 1B
85-68-7)			
鄰苯二甲酸二 (2-乙基己基)酯 / DEHP (Bis (2-ethyl(hexyl)	0.05	n. d.	EQC
phthalate)) (CAS No.: 117-81-7)			
二甲苯麝香 / 5-tert-butyl-2,4,6-trinitro- m-xylene (Musk	0.05	n. d.	vPvB
Xylene) (CAS No.: 81-15-2)			
六溴環十二烷及所有主要被辨別出的異構物 / Hexabromocyclododecane	0.05	n. d.	PBT
(HBCDD) and all major diastereoisomers identified (α - HBCDD, β - HBCDD, γ - HBCDD) (CAS No.: 25637-99-4 and 3194-55-6 (134237-51-7,			
134237-50-6. 134237-52-8))			
短鍵氣化石蠟 / Alkanes, C10-13, chloro (Short Chain	0. 05	n. d.	PBT
Chlorinated Paraffins) (CAS No.: 85535-84-8)	0.00	n. u.	101
氧化雙三丁基錫 / Bis(tributyltin)oxide (TBTO)*** (CAS No.:	_	n. d.	PBT
乳化受工 を物 / BIS(triouty)till)oxide (IBIO)**** (CAS NO.: 156-35-9)	_	n. a.	LDI
二氧化钴 / Cobalt dichloride (CAS No.: 7646-79-9)	0, 005	n. d.	CC 1B; TRC 1B
五氧化二种 / Diarsenic pentaoxide*** (CAS No.: 1303-28-2)	0.005	n. d.	CC 1A
三氧化二种 / Diarsenic trioxide*** (CAS No.: 1303-26-2)		n. d.	CC 1A
三乙基砷酸酯 / Triethyl arsenate*** (CAS No.: 1521-55-5)	_	n. d.	CC 1A
神酸氫鉛 / Lead hydrogen arsenate*** (CAS No.: 7784-40-9)	_	n. d.	CC 1A: TRC 1A
(%1)		u.	oc m, mo m
络酸鈉 / Sodium chromate*** (CAS No.: 7775-11-3)	-	n. d.	CC 1B; MC 1B; TRC 1B
重鉻酸銨 / Ammonium dichromate*** (CAS No.: 7789-09-5)	-	n. d.	CC 1B; MC 1B; TRC 1B
重絡酸鉀 / Potassium dichromate*** (CAS No.: 7778-50-9)	-	n. d.	CC 1B; MC 1B; TRC 1B

SGS Testing Report: Inner tube does not contain PAHS

測試結果(Test Results)

测試部位(PART NAME) No.1 : 整體混測 (MIXED ALL PARTS)

測試項目 (Test Items) 多環芳香煙 / Polynuclear Aromatic Hydrocarbons	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result) No.1
(PAHs) 港 / Acenaphthene (CAS No.: 83-32-9)			0.2	n. d.
苊烯 / Acenaphthylene (CAS No.: 208-96-8) 蔥 / Anthracene (CAS No.: 120-12-7) 苯肼蔥 / Benzo[a]anthracene (CAS No.: 56-55-3)			0. 2 0. 2 0. 2	n. d. n. d. n. d.
苯肼(a)芘 / Benzo[a]pyrene (CAS No.: 50-32-8) 苯(b)苯肼芴 / Benzo[b]fluoranthene (CAS No.: 205-99-2)			0.2	n. d. n. d.
苯駢芘 / Benzo[g, h, i]perylene (CAS No.: 191-24-2) 苯(k)苯駢芴 / Benzo[k]fluoranthene (CAS No.: 207-08-9)		参考AfPS GS 2014:01 PAK方法,	0. 2 0. 2	n. d. n. d.
Chrysene (CAS No.: 218-01-9) 二苯骈蒽 / Dibenzo[a, h]anthracene (CAS No.: 53-70-3)	mg/kg	以氣相層析/質譜儀檢測. / With reference to AfPS GS 2014:01	0.2	n. d. n. d.
苯肼芴 / Fluoranthene (CAS No.: 206-44-0) 芴 / Fluorene (CAS No.: 86-73-7)		PAK method. Analysis was performed by GC/MS.	0.2	n. d.
節酮芘 / Indeno[1, 2, 3-c, d] pyrene (CAS No.: 193-39-5)			0. 2 0. 2 0. 2	n. d. n. d. n. d.
 注 / Pyrene (CAS No.: 129-00-0) 苯(j)苯骈芴 / Benzo[j]fluoranthene (CAS No.: 205-82-3) 			0.2	n. d. n. d.
苯肼(e)芘 / Benzo[e]pyrene (CAS No.: 192-97-2) 多環芳香煙18項總和 / Sum of 18 PAHs			0. 2	n. d. n. d.

備註(Note):

- 1. mg/kg = milligram per kilogram
- 2. n.d. = Not Detected (未檢出)
- 3. MDL = Method Detection Limit (方法偵測極限值)
- 4. "-" = Not Regulated (無規格值)
- 5. 樣品的測試是基於申請人要求混合測試,報告中的混合測試結果不代表其中個別單一材質的含量. (The samples was/were analyzed on behalf of the applicant as mixing sample in one testing. The above results was/were only given as the informality value.)

Hung Ta had obtained patents:
 Ensure product quality and avoid confusion with counterfeit goods

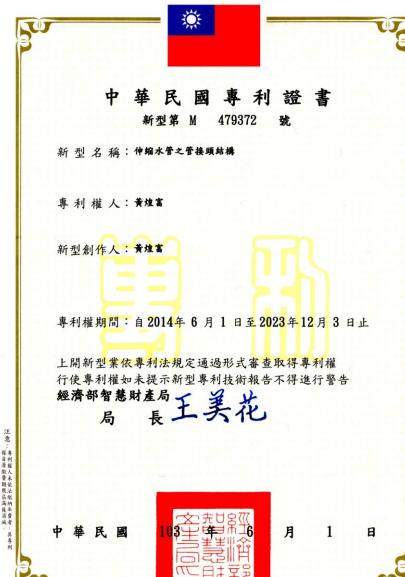
▶ Patent No. Taiwan: M479372

▶ Patent No. China: 4019633

▶ Patent No. US: US9074711 B2

▶ Patent No. Canada: 2871894

▶ Patent No. Germany: DE202014102064U1



Taiwan Patent And China Patent



证书号第4019633号





实用新型专利证书

实用新型名称:包括伸缩水管与管接头的装置

发 明 人: 黄煌富

专 利 号: ZL 2014 2 0282841.1

专利申请日: 2014年05月29日

专 利 权 人: 黄煌富

授权公告日: 2014年12月24日

本实用新型经过本局依照中华人民共和国专利法进行初步审查、决定授予专利权、领 发本证书并在专利登记簿上予以登记。专利权自授权公告之日起生效

本专利的专利权期限为十年,自申请日起算。专利权人应当依照专利法及其实施细则 规定缴纳年费。本专利的年费应当在每年 05 月 29 日前缴纳。未按照规定缴纳年费的、专 利权自应当缴纳年费期满之日起终止。

专利证书记载专利权登记时的法律状况。专利权的转移、质押、无效、终止、恢复和 专利权人的姓名或名称、国籍、地址变更等事项记载在专利登记簿上。

申长雨



第1页(共1页)



The Director of the United States Patent and Trademark Office

Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

United States Patent

Grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America, and if the invention is a process, of the right to exclude others from using, offering for sale or selling throughout the United States of America, or importing into the United States of America, products made by that process, for the term set forth in 35 U.S.C. 154(a)(2) or (c)(1), subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b). See the Maintenance Fee Notice on the inside of the cover.

Michelle K. Lee

Director of the United States Patent and Trademark Office



US009074711B2

(12) United States Patent Huang

(10) Patent No.:

US 9,074,711 B2

(45) Date of Patent:

Jul. 7, 2015

(54) AXIALLY EXPANSIBLE PIPE ASSEMBLY

(71) Applicant: Huang Fu Huang, Changhua County

(72) Inventor: Huang Fu Huang, Changhua County

(*) Notice: Subject to any disclaimer, the term of this

patent is extended or adjusted under 35

U.S.C. 154(b) by 84 days.

(21) Appl. No.: 14/012,955

(22) Filed: Aug. 28, 2013

(65) Prior Publication Data

US 2015/0061281 A1 Mar. 5, 2015

(51) Int. Cl. F16L 31/00 (2006.01) F16L 39/00 (2006.01)

(52) U.S. Cl. CPC F16L 39/005 (2013.01)

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* cited by examiner

Primary Examiner — Aaron Dunwoody

(57) ABSTRACT

An axially expansible pipe assembly includes at least one internal pipe and an external pipe. The internal pipe is axially and radially expansible. The external pipe is only axially expansible. The axially expansible external pipe is used to wrap the internal pipe and confine radial expansion of the axially and radially expansible internal pipe in a predetermined range.

12 Claims, 6 Drawing Sheets



BUNDESREPUBLIK DEUTSCHLAND

URKUNDE

über die Eintragung des

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Bezeichnung

Schlauch-Anschlussstück-Verbindung

Gebrauchsmusterinhaber

Huang Fu, Huang, Fenyuan, Changhua, TW

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04.12.2013 TW 102222745

Die Voraussetzungen der Schutzfähigkeit, insbesondere die Neuheit des Gegenstandes wurden im Eintragungsverfahren nicht geprüft.



Die Präsidentin des Deutschen Patent- und Markenamts

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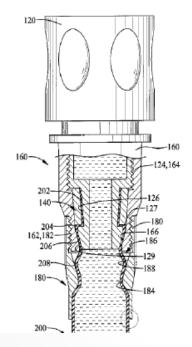
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(54) Title: HOSE-JOINT COMBINATION



Canada patent

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YouTubeFilm introduction

https://www.youtube.com/watch?v=77UWrHf5G0U&feature=youtu.be

C buckle DIY repair: film teaching 6 minutes from the start

https://mobile.twitter.com/StanleyToolsCA/status/97106807758 3446016