



جمهورية مصر العربية
وزارة البحث العلمى والطاقة الذرية
مكتب براءات الاختراع

Int Cl' E 21 B 44 / 00 // G 05 B 13 / 00 //
G 01 V 7 / 00, 3 / 18 // G 01 R 33 / 02

فئة [51] [٥١]
[52] [٥٢]

براءة أصلية رقم ١٧٠٣٨
براءة اضافية رقم :

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|---------------|---|---|------|------|
| ١٩٨٤ / ١٦٢ | : | رقم الطلب | [21] | [٢١] |
| ١٩٨٤ / ٣ / ١٠ | : | تاريخ تقديم الطلب | [22] | [٢٢] |
| | : | تاريخ إصدار البراءة | [45] | [٤٥] |
| | : | الأبقيّة | [30] | [٣٠] |
| ٤٧٤٠٦٤ | : | رقم الأبقيّة | [31] | [٣١] |
| ١٩٨٣ / ٣ / ١٠ | : | تاريخ الأبقيّة | [32] | [٣٢] |
| | : | إسم الدولة : الولايات المتحدة الامريكية | [33] | [٣٣] |

[54] [٥٤] : نسمية الأختراع : « نظام لقياس الجاذبية أنومانيكيا في حفرة بشر » .

[71] [٧١] : إسم مالك البراءة : اموكوكوربوريشن - شركة متحدة
مركزها العام : ٢٠٠ إيست راندولف درايف ، شيكاغو إلينوى
٦٠٦٠١ ، الولايات المتحدة الامريكية .

[72] [٧٢] : إسم المخترع : نيودوف لوتز نيزد

[60] [٦٠] : العراءات ذات الصلة بموضوع الاختراع :

P.- 87.480



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|------------------------|---|-----------------|-----------|----------------------------------|
| (21) NUMERO 523.993 | DATOS DE PRIORIDAD (22) FECHA 17.8.83 | (23) PAIS US | A1 | (19) PATENTE DE INVENCION |
| | (21) NUMERO DE SOLICITUD 535.221 | | | |
| | (22) FECHA DE PRESENTACION 16.8.84 | | | |

| | |
|---|--------------------------------|
| (21) SOLICITANTE(S) WESTINGHOUSE ELECTRIC CORPORATION DOMICILIO Westinghouse Building, Gateway Center, Pittsburgh, Pennsylvania 15222, EE.UU. | NACIONALIDAD Norteamericana |
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| |
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| (22) INVENTOR(ES) Vladimir Uherek y Matthew Frederick Kersen |
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| (23) TITULAR(ES) |
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|-------------------------|---------------------------|--|---|
| (11) N.º DE PUBLICACION | (48) FECHA DE PUBLICACION | (62) PATENTE DE LA QUE ES DIVISIONARIA | GRAFICO (SOLU PARA INTERPRETAR RESUMEN) |
|-------------------------|---------------------------|--|---|

| | |
|---------------|---------------------|
| (61) Int. Cl. | Int. Cl. B66B 11/04 |
|---------------|---------------------|

| | |
|---|--|
| (64) TITULO "UNA INSTALACION DE ASCENSOR EN UNA ESTRUCTURA DOTADA DE UNA PLURALIDAD DE PISOS Y UN HUECO DE ASCENSOR" | |
|---|--|

| | |
|---|---|
| (57) RESUMEN (APORTACION VOLUNTARIA SIN VALOR JURIDICO) | <p>Se trata de una disposición de ascensor en la que se generan impulsos de distancia en respuesta al recorrido de un camarín, y se usan esos impulsos para actualizar un contador de posición de camarín. La diferencia entre el recuento de posición de camarín y un recuento representativo del lugar del piso de destino se determina al alcanzar el camarín del ascensor una determinada distancia a recorrer (DTG) respecto del piso de destino, y este recuento de DTG se usa para producir una pauta de velocidad para decelerar y hacer llegar el camarín al nivel del piso. (Figura 1).</p> |
|---|---|

①9 RÉPUBLIQUE FRANÇAISE
 —
 INSTITUT NATIONAL
 DE LA PROPRIÉTÉ INDUSTRIELLE
 —
 PARIS
 —

①1 N° de publication : **2 558 339**
(à n'utiliser que pour les commandes de reproduction)

②1 N° d'enregistrement national : **84 00841**

⑤1 Int Cl^a : A 21 C 11/00.

⑫ **DEMANDE DE BREVET D'INVENTION**

A1

②2 Date de dépôt : 20 janvier 1984.

③0 Priorité :

④3 Date de la mise à disposition du public de la demande : BOPI « Brevets » n° 30 du 26 juillet 1985.

⑥0 Références à d'autres documents nationaux apparentés :

⑦1 Demandeur(s) : *JOUAS Claude Marie Philippe.* — FR.

⑦2 Inventeur(s) : Claude Marie Philippe Jouas.

⑦3 Titulaire(s) :

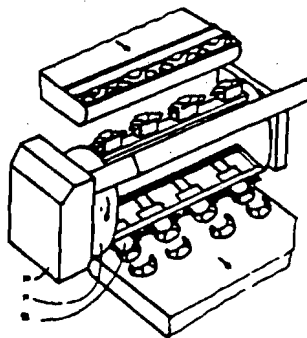
⑦4 Mandataire(s) :

⑤4 Machine automatique pour la mise en forme d'articles, notamment d'articles alimentaires.

⑤7 L'invention concerne une machine automatique permettant la mise en forme d'articles alimentaires.

Elle est constituée de rangées de supports de produits alimentaires montés sur un barillet et qui par une succession de rotations présentent les produits en face de postes de travail où les opérations successives suivantes sont exécutées : entrée du produit, mise en forme, blocage en forme et éjection du produit sur une bande transporteuse de sortie.

La présente machine selon l'invention est particulièrement destinée au cintrage de produits alimentaires de boulangerie et de charcuterie tels que croissants, etc.



FR 2 558 339 - A1

(12) **UK Patent Application** (19) **GB** (11) **2 225 797** (13) **A**

(43) Date of A publication 13.06.1990

(21) Application No 8926837.9
 (22) Date of filing 28.11.1989
 (30) Priority data
 (31) 277166 (32) 29.11.1988 (33) US

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(51) INT CL³
E21B 10/14
 (52) UK CL (Edition K)
E1F FFJ
 (56) Documents cited
GB 1017840 A GB 0781282 A US 4230194 A
US 3424258 A US 3055443 A
 (58) Field of search
 UK CL (Edition J) **E1F FFJ**
 INT CL⁴ **E21B**
Online databases: WPI

(54) **Drill bit**

(57) An earth drilling bit (10) that cuts concentric annular kerfs ahead of primary drilling means and thereby increases drilling rate, comprises a bit body (12) having a lower end forming an annular cutter (16) for cutting an outer annular kerf, and inner drill member (24) positioned concentrically within the bit body (12) and annular cutter (16) for cutting an inner annular kerf, a plurality of rotary drilling members (28) attachedly arranged between the bit body (12) and inner drill member (24) positioned so lowermost cutting edges are above lowermost edges of the annular cutters (16, 26) of the bit body (12) and inner drill member (24) for removing material between the outer and inner annular kerfs, and a plurality of rotary drilling members (32) attachedly arranged within the inner drill member (24) positioned so lowermost cutting edges are above lowermost edges of the annular cutter (26) of the inner drill member (24) for removing material within the inner annular kerf.

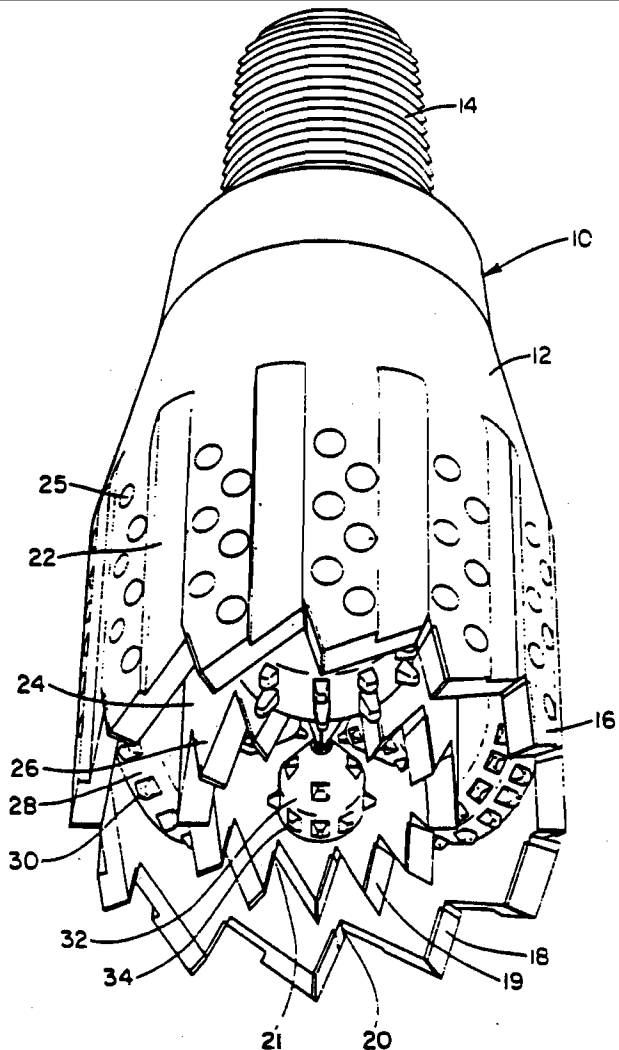


FIG. 1

GB 2 225 797 A



СОЮЗ СОВЕТСКИХ
СОЦИАЛИСТИЧЕСКИХ
РЕСПУБЛИК

(SU) (11) 1550100 A1

(51)5 E 21 B 43/00, 23/00

ГОСУДАРСТВЕННЫЙ КОМИТЕТ
ПО ИЗОБРЕТЕНИЯМ И ОТКРЫТИЯМ
ПРИ ГИИТ СССР

ОПИСАНИЕ ИЗОБРЕТЕНИЯ

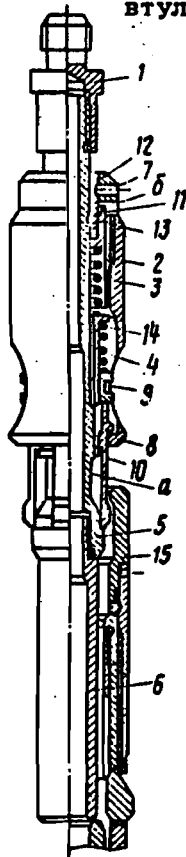
К АВТОРСКОМУ СВИДЕТЕЛЬСТВУ

1

(21) 4359777/23-03
(22) 16.01.88
(46) 15.03.90. Бюл. № 10
(71) Особое конструкторское бюро по проектированию нефтегазодобывающих машин и оборудования
(72) Б.Ю. Юсифов и С.В. Гаджиев
(53) 622.276.51(088.8)
(56) Оборудование для эксплуатации нефтяных и газовых скважин с устройствами для предупреждения открытых фонтанов. М.: ЦИНТИХИМНефтемаш, 1985, с. 92.
Baker Packers Catalog, USA, 1984-1985, p. 606.

2

(54) ИНСТРУМЕНТ ДЛЯ УСТАНОВКИ И ПОДЪЕМА ЗАМКА СКВАЖИННОГО ОБОРУДОВАНИЯ
(57) Изобретение относится к нефтегазодобывающей промышленности, а именно к технике для установки и подъема замка скважинного оборудования в нефтяных и газовых скважинах. Цель изобретения - снижение трудоемкости работ при установке и подъеме скважинного оборудования. Инструмент для установки и подъема замка скважинного оборудования содержит соединенный с переводником 1 и вилкой 6 сердечник 5 с установленной на нем втулкой 14. На втулке 14 размещена



(SU) (11) 1550100 A1

United States Patent [19]

[11] **Patent Number:** 4,523,385

Robinson et al.

[45] **Date of Patent:** Jun. 18, 1985

[54] **LATCH**

[75] **Inventors:** Allan F. Robinson, Sydney; Warwick A. Hunter, Grose Wold, both of Australia

[73] **Assignee:** Napintas Pty. Ltd., New South Wales, Australia

[21] **Appl. No.:** 514,830

[22] **PCT Filed:** Oct. 26, 1982

[86] **PCT No.:** PCT/AU82/00173

§ 371 Date: Jun. 27, 1983

§ 102(e) Date: Jun. 27, 1983

[87] **PCT Pub. No.:** WO83/01493

PCT Pub. Date: Apr. 28, 1983

[30] **Foreign Application Priority Data**

Oct. 26, 1981 [AU] Australia PF1306

[51] **Int. Cl.:** G01C 15/00

[52] **U.S. Cl.:** 33/296; 403/109

[58] **Field of Search:** 33/296, 158, 464, 161; 403/109, 107, 106, 110, 321, 373, 377, 393

[56] **References Cited**

U.S. PATENT DOCUMENTS

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|-----------|---------|----------|---------|
| 1,824,023 | 9/1931 | Langsner | 33/296 |
| 1,971,751 | 8/1934 | Keuffel | 33/296 |
| 2,909,839 | 10/1959 | Miller | 33/296 |
| 3,120,386 | 2/1964 | Janssen | 403/107 |
| 4,029,279 | 6/1977 | Nakatani | 403/109 |

FOREIGN PATENT DOCUMENTS

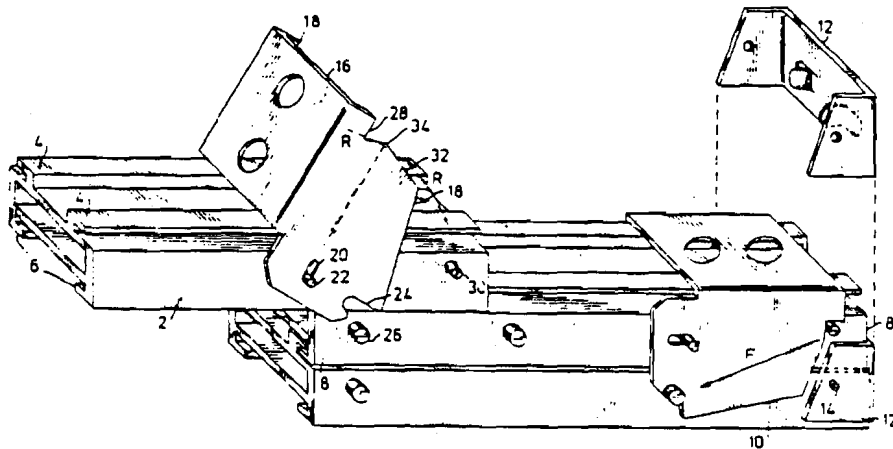
1116803 6/1968 United Kingdom 33/161

Primary Examiner—Willis Little
Attorney, Agent, or Firm—Hubbell, Cohen, Stiefel & Gross

[57] **ABSTRACT**

A latch of the over centre type for use inter alia in locking together surveyors rods in order to give reproducible measurements. The latch locks together a first axially slidable member (2) and a second axially slidable member (8) in overlapping disposition; it comprises a pair of latch supporting pivots (22) extruding from the first member, on a first common axis a pair of latch fulcrum pivots (26) extruding from the second member on an axis parallel to the first axis, a latch arrester (30) extruding from the first member, a latch body (16) having a face and sides (18) which extend to or past the latch fulcrum pivots (26) each latch side having an S-shaped recess (24) to engage the associated fulcrum pivot and an elongated slot (20) to engage the elongated latch support pivot. At least one of the sides has an edge protrusion (34) which must be snapped past the latch arrester (30) to complete the latch action. The latch is captive on the first member (2) and slidable with that member to a locking position where the latch is tilted around the fulcrum pivots (26) whereupon the latch causes the distance between the two axes of the members (2, 8) to change locking them together in an over centre action, which action cannot be reversed except by snapping the protrusion (34) past the latch arrester (30).

30 Claims, 1 Drawing Figure



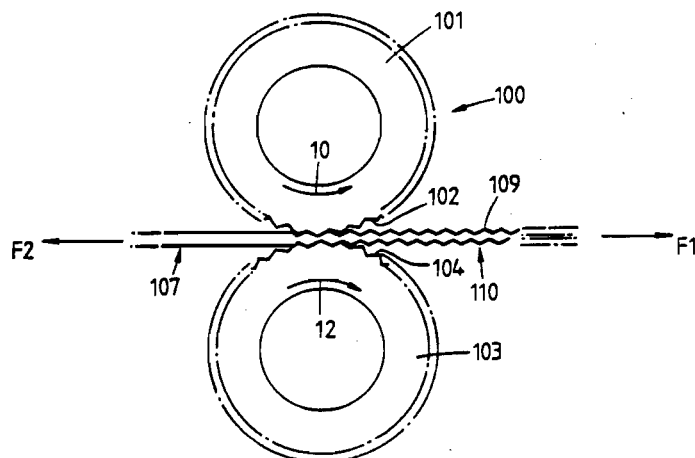
PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

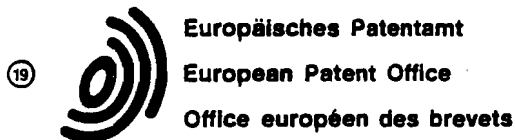
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|--|---|---|
| <p>(51) International Patent Classification ⁵ : G01D 5/26, G01B 3/00 G02B 5/18, B21B 1/22</p> | <p>A1</p> | <p>(11) International Publication Number: WO 90/02315 (43) International Publication Date: 8 March 1990 (08.03.90)</p> |
| <p>(21) International Application Number: PCT/GB89/01019 (22) International Filing Date: 17 August 1989 (17.08.89) (30) Priority data: 8819723.1 19 August 1988 (19.08.88) GB (71) Applicant (for all designated States except US): RENISHAW PLC [GB/GB]; Gloucester Street, Wotton-Under-Edge, Gloucestershire GL12 7DN (GB). (72) Inventors; and (75) Inventors/Applicants (for US only): LUMMES, Stephen, Edward [GB/GB]; "Alma Place", Beech Knapp, Burleigh, Stroud, Gloucestershire GL5 2PS (GB). HENNING, Brian, Cecil, Robert [GB/GB]; Endrick Cottage, Gillingstool, Thornbury, Avon BS12 2EH (GB). MORRISON, Robert, Boyd [GB/GB]; The Old Bungalow, Lapdown Lane, Tormarton, Nr Badminton, Avon GL9 1JE (GB).</p> | <p>(74) Agents: WAITE, J. et al.; Patents Department, Renishaw plc, Gloucester Street, Wotton-Under-Edge, Gloucestershire GL12 7DN (GB). (81) Designated States: AT (European patent), BE (European patent), CH (European patent), DE (European patent), FR (European patent), GB (European patent), IT (European patent), JP, LU (European patent), NL (European patent), SE (European patent), US. Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p> | |

(54) Title: METROLOGICAL SCALE



(57) Abstract

An optical metrological scale (110) is produced by a rolling method, to give a profiled upper scale surface (109) which is imparted by an embossing roller (101). To prevent uneven strains, which could affect the pitch of the scale, the support roller (103) has a similar embossing profile, so that the lower side of the scale is also given a profiled surface. The embossing roller (101) is freely rotatable, while the support roller (103) is driven.



11 Publication number:

0 349 311
A2

12

EUROPEAN PATENT APPLICATION

21 Application number: 89306596.1

51 Int. Cl. 5: **D 21 H 21/02**
//D21H17/69, D21H17/68,
D21H17/45, D21H17/67

22 Date of filing: 29.06.89

30 Priority: 29.06.88 GB 8815515

43 Date of publication of application:
03.01.90 Bulletin 90/01

64 Designated Contracting States:
AT BE CH DE ES FR GR IT LI LU NL SE

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72 Inventor: **Rogan, Keith Robert**
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Adams, John Michael
Little Trevles
Ruan Highlanes Truro TR2 5NR (GB)

74 Representative: **Bull, Michael Alan et al**
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London WC2A 1AT (GB)

54 Pitch control.

57 There is disclosed a process for controlling the deposition of pitch in a paper-making process, wherein there is incorporated into the paper-making composition a coated inorganic particulate material which comprises a clay mineral coated with (a) a cationic polyelectrolyte which is a water-soluble substituted polyolefin containing quaternary ammonium groups or with (b) an inorganic gel or with (c) a mixture of (a) and (b).

EP 0 349 311 A2

⑩ 日本国特許庁(JP)

⑪ 特許出願公開

⑫ 公開特許公報(A)

平2-25498

⑬ Int. Cl.⁸

C 07 H 19/04

A 61 K 31/70

C 07 H 15/26

識別記号

ADP
ADY

庁内整理番号

7417-4C

7417-4C

⑭ 公開 平成2年(1990)1月26日

審査請求 未請求 請求項の数 22 (全 25 頁)

⑮ 発明の名称 新規な α -グルコシダーゼ抑制剤

⑯ 特 願 平1-139401

⑰ 出 願 平1(1989)6月2日

優先権主張 ⑱ 1988年6月2日 ⑲ 欧州特許機構(E P) ⑳ 88401340.0

㉑ 発 明 者 ジーン・ベルナルド フランス国 ヌー・ブリツシャ 68600 サンドホフ ル
デュセブ ド アルプス 29

㉒ 発 明 者 シヤルル ダンジン フランス国 ストラスブルグ 67000 ル ゲイラー 18

㉓ 出 願 人 メレルダウフアーマス アメリカ合衆国 45215 オハイオ州 シンシナチ イー
ーテイカルズ インコ スト ガルブレイスロード 2110
ーボレーテツド

㉔ 代 理 人 弁理士 佐々井 弥太郎 外1名

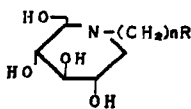
明 細 書

1. 発明の名称

新規な α -グルコシダーゼ抑制剤

2. 特許請求の範囲

1. 式



〔式中nはゼロ、1又は2であり、Rは1-3個のヘキソース又はペントース単位を含有するグリコシル基又はエーテル化又はアシル化されたグリコシル基であり、該グリコシル基は任意付加的に末端ヘキソース又はペントース部分のアノマー炭素原子上に位置するヒドロキシル部分のエーテル又はエステル誘導体をもっていることもあり得る〕の1-デオキシノジリマイシン誘導体及び製薬上受け入れられるその鹽付加塩。

2. Rがグルコシル、ガラクトシル、フコシル、フルクトシル、マンノシル、リボシル、アラビノシル、キシロシル、アロシル、アルトロシル、グロシル、インドシル、タロシル、リキソシル、イソマルトシル、トレハロシル、 β -セロビオシル、マルトシル、マルトトリオシル、又はセロトリオシル基である、特許請求の範囲第1項の化合物。

3. Rが6-グルコシル、4-グルコシル、1-フルクトシル、6-フルクトシル、6-マルトシル、4-マルトシル、6-イソマルトシル、又は4-イソマルトシルである、特許請求の範囲第1項の化合物。

4. 化合物が1,5-ジデオキシ-1,5-[(6-デオキシ-1-0-メチル-6- α -0-グルコピラノシル)イミノ]-0-グルシトールである、特許請求の範囲第1項の化合物。

5. 化合物が1,5-ジデオキシ-1,5-[(6,7-ジデオキシ-1-0-メチル-7- α -0-グルコヘプトピラノシル)イミノ]-0-グルシトールである、特許請求の範囲第1項の化合物。

6. 化合物が1,5-ジデオキシ-1,5-[(1-デオキ