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1) Family number: 73433714 (WO19043446A1)

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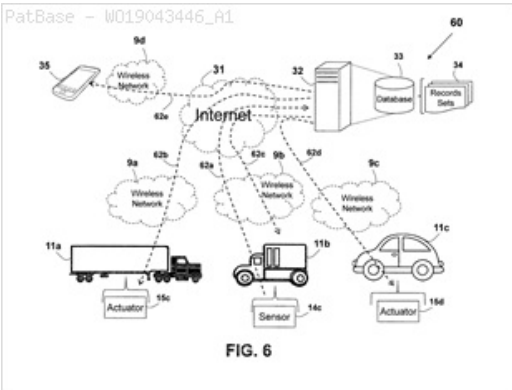
Title: A METHOD AND APPARATUS FOR COLLECTING AND USING SENSOR DATA FROM A VEHICLE

Abstract: A road hazard, such as a traffic collision, traffic regulation violation, road surface damage, or any other traffic obstruction, is detected by a sensor in a vehicle. The sensor data is sent periodically, or upon detecting the anomaly, to a server over the Internet via a first wireless network, together with a vehicle identifier (Vehicle Identification Number (VIN) or the license plate number) and its GNSS or GPS geographic location. The server analyzes the sensor data, and in response sends a notification message to a client device, such as a smartphone, or to a group of vehicles in close vicinity to the first vehicle, via a wireless network over the Internet. The received message may be used by each of the vehicles in the group for controlling, limiting, activating, or otherwise affecting an actuator operation, or may be used for notifying the driver using a dashboard display.

Classifications:

International (IPC 8-9): G08G1/00 G08G1/16 (Advanced/Invention)

CPC: G05D1/0287 G07C5/008 G08G1/164 G08G1/205



Family:

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CN111149141 A	20200512	CN201880057406	20180725
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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 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 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

2) Family number: 77625471 (DE102018116174A1)

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Title: VORRICHTUNG INSB. FUER ARBEITSPLATZ Device INSB. For WORKPLACE (Machine translation)

Abstract: Source: DE102018116174A1 [DE] Vorrichtung, die Kosten und bzw. oder Zeit sparen kann und bzw. oder mit dem eine Nutzerin bzw. ein Nutzer zusätzliche Fähigkeiten erlangt, zusätzliche Aufgaben und bzw. oder Aufgaben ausdauernder bzw. besser erfüllen kann, und bzw. oder Aufgaben mit mehr Komfort und bzw. oder einfacher erledigen kann. Die Vorrichtung kann insb. mehrteilig sein. Teile können Verfahren beinhalten, insb. extra dargelegte erfindungsgemäße Techniken, wie sie eingesetzt werden. Je nach Bedarf bzw. je nach Wunsch der Nutzerin bzw. des Nutzer wird die Vorrichtung verwendet, z.B. fuer mehr Leistung, gewünschten Komfort bzw. zur Unwohlsein- bzw. Schmerzvermeidung etc.. Abkuerzend wird auch das Wort NutzerIn etc. fuer die Nutzerin bzw. den Nutzer etc. verwendet. Neben vorliegender Einreichung ist eine davon unabhängige zweite mit Vorrichtungen zu einem ergaenzendem Thema in Vorbereitung, dadurch konnte vorliegende Einreichung kuerzer gestaltet werden. Teil vorliegender erfindungsgemaessen Vorrichtung ist eine Sitzauflage, z.B. fuer einen Buerostuhl. Z.B. arbeiten viele lange im Sitzen auf Buerostuehlen, was bei vielen diverse Schmerzserkrankungen ausloest auf die Dauer. Z.B. sind laengere Menschen auf Buerostuehlen in bekannt unkomfortabler, unguenstiger, Erkrankungen foerdernden Stellung. Die Sitzauflage mit variabler Hoehe kann eine komfortable Sitzhoehe je nach momentanem Wunsch realisieren. In beiliegender Skizze symbolisiert 1 Nutzerin und bzw. oder Patientin wahlweise ohne bzw. mit Sitzgelegenheit, wobei auf einer Sitzgelegenheit insb. z.B. eine Vorrichtung platziert ist, die in einer Ausfuehrung insb. etwa U-foermig ist, diese kann frei aufgelegt werden bzw. Teil der Sitzvorrichtung sein, kann insb. verstellbar sein, insb. kann die Hoehe der U-Form verstellbar sein, bei frei auflegbarer

Vorrichtung kann ein Mensch, dem die auflegbare Vorrichtung gehoert, sie auch mitfuehren, z.B. in einem KFZ und anderswo als Sitzunterlage nutzen, bzw. im KFZ und generell auf Sitzgelegenheiten kann ebenfalls eine solche Vorrichtung angebracht sein. Im KFZ sind Sitze oft so weich, dass Weichteile besonders stark eingeklemmt werden koennten ohne Sitzauflage, und viele fahren regelmassig laengere Zeiten. Spezielle Ausfuehrung ist ein in die Sitzauflage integrierter RFID bzw. funkfaehiger Computer, der z.B. mittels einer Handy App auf Wunsch Warnhinweis geben kann, wenn man sich entfernt, bzw. mittels z.B. satellitenbasiert erfasster Position -z.B. via GPS- kann die App auf Wunsch den ungefaehren Ort des Objekts speichern und mitteilen, wo die App via Funk registrierte, dass man sich von der Vorrichtung, hier z.B. der Sitzauflage, entfernt bzw. entfernte. Dies kann z.B. fuer Demenzerkrankte, Vielbeschaeftigte etc. guenstig sein, um Vorrichtungsteil(e) nicht zu verlieren. Generell sind Vorrichtungen mit geeigneter kuenstlicher Intelligenz (KI) Software ausgestattet, sofern Nutzerin wuenscht. Es gibt variable Ausfuehrungen der Sitzunterlagevorrichtung, es kann sich um in einem umgebenden Stoff U-foermig gehaltene Mikroperlen handeln, optional kann mit Motoren und bzw. Pumpen etc. innen bzw. im Verbund mit der Sitzgelegenheit eine von aussen fernsteuerbare Anpassung insb. der Form wie z.B. der Hoehe erfolgen, und eine Anpassung kann optional programmiert sein, z.B. in einer Computeranwendung, welche auf einem Computer, z.B. ein Handy, eine elektronische Computer-Armband-Uhr etc., realisiert sein kann, was gekoppelt sein kann z.B. an einen elektronischen Kalender, so dass Anpassungen und Veraenderungen vorgenommen werden koennen insb. z.B. via WLAN, bluetooth etc.. Z.B. kann ein Stuhl niedriger sein als ein anderer, die man jedoch beide manchmal benoetigt, so kann mittels Variation der Hoehe der Auflagevorrichtung Ausgleich geschaffen werden fuer Hoeheunterschiede und auf Wunsch fuer momentanen Hoehenwunsch, z.B. wenn man mal seine Fussbekleidung wechselt bzw. variable Schuhhoehen verwendet. Alternativ kann die U-foermige Vorrichtung insb. z.B. aus elastischem Material, z.B. mit Stoffbezug, aufblasbar sein, so dass verschiedene Aufblasstaerken realisiert werden koennen. Aufblasstaerke laesst sich in der Vorrichtung ebenfalls optional elektronisch z.B. mittels kleinen z.B. eingelassenen Pumpen und Motoren steuern, bei in der z.B. U-foermigen Teil-Vorrichtung weitgehend eingelassener Aufblasvorrichtung ist eine oeffnung bzw. mehrere oeffnungen aussen vorhanden, aus der Luft mittels der Pumpvorrichtung in bzw. aus der U-foermigen Vorrichtung gelassen werden kann z.B. zur Variation der Hoehe, insb. oberhalb einer Hoehe, so dass die Pumpvorrichtung innen praktisch nicht beim Sitzen wahrgenommen wird, zudem kann die innen sich befindende Pumpvorrichtung ihrerseits mit einem so weichen Material umgeben werden, dass selbst ohne eingelassene Luft das Sitzen auf der dann weiterhin gleichfoermig U-foermigen Vorrichtung moeglich ist, praktisch ohne dass die innenliegende Pumpvorrichtung beim Sitzen wahrgenommen wird. Diese Aufblasvorrichtung kann - wie fuer die obige nicht-aufblasbare Version beschrieben - ebenfalls ferngesteuert, programmiert etc. ausgefuehrt sein. Programmierung kann z.B. sprachlich erfolgen mittels Spracherkennungssoftware etc.. Wenn man die Vorrichtung nicht dabei hat und wuenscht, kann z.B. etwas, was man bei sich hat, zwei Handschuhe, ein Kleidungsstueck bzw. Kleidungsstuecke oder Decke bzw. Matte z.B. rechts und links unter dem Gesaess bzw. U-foermig verwendet werden, und insb. unter die oberen Teile der Oberschenkel platziert werden, jedoch kann das verrutschen, die extra U-foermige Vorrichtung hat den Vorteil, dass sie Abstand ihrer Teile kaum aendert beim Sitzen erfahrungsgemaess. Die aufblasbare Vorrichtung hat den Vorteil, dass sie unaufgeblasen so geringen Platz einnehmen kann, dass man sie praktisch ueberall hin mitnehmen kann, auch als Fussgaenger. Optional kann die z.B. U-foermige z.B. mit kleinen integrierten Pumpen aufblasbare Sitzauflage statt getrennte Teilvorrichtung zu sein, in weiterer Teilvorrichtung, die eine Art Bekleidung darstellt, z.B. eine Hose, wie weiter unten beschrieben, integriert sein. Optionale Pumpvorrichtung kann in entsprechend kleiner Ausfuehrung integriert sein, sie kann mittels integriertem Akku, der z.B. extern mittels Vorrichtungen mit elektromagnetischer Strahlung aufgeladen werden kann, und bzw. oder mit integrierter Energiequelle, z.B. Solarzellenbeschichtung, Nutzung der Bewegungsenergie, da man beim Sitzen nicht immer still sitzt, und aus dieser Bewegung mit Vorrichtungen Energie gewonnen und im Akku gespeichert und bereitgestellt werden kann, und notfalls kann die Vorrichtung ohne Strom von Hand aufgeblasen werden. Auch in der Sitzgelegenheit kann eine Stromversorgung integriert sein, die - wie beschrieben - wiederum mit Energie versorgt werden kann, z.B. auch mittels Kabel oder z.B. mittels Energiegewinnung bei einem Drehstuhl bei Drehbewegung des Stuhls, aus Auf- bzw. Ab- bzw. sonstigen Verstellmoeglichkeiten des Stuhls, bei Bewegung eines Stuhls, z.B. aus den Drehungen von Rollen, auf denen die Beine des Stuhls auf dem Boden fahren koennen, mit der Energie kann nicht nur die U-foermige Vorrichtung mit Strom versorgt werden, sondern z.B. auch eine Massage des Rueckens erfolgen auf Wunsch, oder im Drehstuhl kann die Energie genutzt werden ferngesteuert, um auf Wunsch verstellt bzw. bewegt zu werden. Behelfsmaessig kann naeherungsweise als Ersatz z.B. ein Nackenkissen als Vorrichtung auf den Sitz gelegt werden. Anstelle U-foermiger Vorrichtung kann eine variierte Form, z.B. eine gerade Form verwendet werden, welche nur unter dem Gesaess platziert wird. Die Vorrichtung auf dem Sitz kann zu enge Lagerung bzw. Quetschungen insb. von Weichteilen vorbeugen, ferner sind viele Sitze fuer grosse Personen unguenstig niedrig, die Sitze koennen so erhoehet werden. Die aufblasbare Sitzauflage-Vorrichtung bewirkt mehr Ausgleichsbewegungen beim Erledigen von Aufgaben im Sitzen, kann besonders muskulaere Fitness steigern, die nicht-aufblasbare Version kann entspanntes, erholsames Sitzen ermoeeglichen, es kann vornehmlich angewendet werden. Die U-Form der Sitzauflage-Vorrichtung kann entspanntes Sitzen ermoeeglichen, man kann mal weiter hinten das Gesaess haben - entspanntes Zuruecklehnen -, mal weiter vorn, wobei die beiden Gesaessbacken nur auf dem vorderen Teil, den parallelen Teilen der U-Form, sich befinden, den Ruecken manchmal angelehnt sowie - soweit angenehm empfunden - vornehmlich nicht an einer Lehne angelehnt, wodurch Rueckenpartien trainiert werden koennen etc..Die z.B. U-foermige Sitzauflagevorrichtung ist in weiterer Ausfuehrung ein Fahrradsattel. Es gibt Fahrradsaettel, die aus getrennten Schalen fuer die beiden Gesaessteile bestehen, was den Vorteil gegenueber haeufigen Saetteln mit Mittelteil hat, dass kein Druck im mittleren Bereich auftritt, denkbare Quetschen von Weichteilen unterbleiben kann. Nachteil eines Sattels mit zwei getrennten Schalen fuer die beiden Gesaessteile ist, dass der Vorteil eines vorderen Mittelteils, naemlich dass man nicht leicht vom Sattel rutschen kann, weil der mittlere Teil dies i.allg. verhindert. Erfindungsgemaesser Sattel ist dadurch gekennzeichnet, dass er die beiden getrennten Schalen fuer die beiden Gesaessbacken beinhaltet, dazwischen kein Mittelteil, damit z.B. denkbare Weichteile nicht gequetscht werden koennen, jedoch zusaetzlich weiter vorn ein Mittelteil (das nach unten verbunden ist weiter hinten mit dem Sattel und bzw. oder weiter unten verbunden ist mit dem Rad), und dieser zusaetzliche Mittelteil weiter vom kann verhindern, dass man leicht vom Sattel rutschen koennte. Eine weitere Ausfuehrungsform ist, dass statt der zwei Schalen eine U-foermige Sattelform aeehnlich der erfindungsgemaessen U-foermigen Sitzauflage vorliegt. Teil der Vorrichtung ist z.B. bei naechstlichen Wadenkraempfen folgendes vorzugsweise weiche Geraet, z.B. aus Stoff, z.B. ca. 50cm lang, ca. 15cm breit und ca. 3cm hoch, das z.B. zum Arbeiten und bzw. oder zum Erholen im Stehen oder im Sitzen unter die vorderen Teile der FUEsse bzw. das Schuhwerk gelegt wird. Wenn taeglich, insb. abends, einige Minuten die FUEsse in dieser gedehnten Haltung sind, kann dies insb. bei Erkrankten erfahrungsgemaess ausreichen, schwerwiegend schmerzhaften naechstlichen Wadenkraempfen vorzubeugen. Darauf kann man stehen bzw. die FUEsse darauf haben im Sitzen, z.B. solange man es gesundend wahrnimmt, waehrend man Arbeiten erledigt, d.h. man spart Zeit. Alternativ ist eine schraeg zu den Zehen hin ansteigende Erhoehung in einem erfindungsgemaessen Schuhwerk, bzw. unter einem ueblichen Schuhwerk fixiert, welches einige Minuten insb. Vor dem zu Bett Gehen getragen wird, vorzugsweise kann dies eine variable Form haben, es kann abwechselnd hinten hoeher sein als an den Zehen, bzw. an einer Seite hoeher als an der anderen, dies kann motorisch gesteuert sein mittels integriertem Minicomputer bzw. via WLAN via Programm bzw. via App gesteuert sein, Kraempfen z.B. seitlich an Unterschenkeln etc. Vorbeugen erfahrungsgemaess. Alle Geraete der Erfindung koennen Nutzerinnen zum Kauf angeboten werden, z.B. mit persoendlich entspannenden Bildmotiven oder z.B. einem Herz bei Herzregionerkrankungen bei den erfindungsgemaessen weichen Geraeten, was z.B. Demenzerkrankte erinnern kann, wozu man sie nutzen kann, bzw. z.B. genaess Wahl der Nutzerinnen, z.T. mit Schriftzug, z.B. Name der Nutzerin, oder „re-lax“, „ent-spannt“, „Sport-Ierin“ bzw. „Sportler“ etc., insb. Begriffen, welche in der Beschreibung der Erfindung erlaeutert sind. Patientin bzw. Nutzerin kann erfindungsgemaesse Fussbekleidung -eine Art Schuhwerk- aufweisen, optional mit lokal variabler Hoehe, was z.B. bei naechstlichen Wadenkraempfen durch tags insb. abends einige Minuten eingestellter Erhoehung vom unter den Zehen automatisch erfahrungsgemaess bewirken kann, dass keinerlei Wadenkraempfe mehr auftreten, seitliche Kraempfe am unteren Teil des Beines ebenso nicht mehr durch Erhoehung seitlich, z.B. indem die Vorrichtung unter der Sohle eine Aktuatorik hat bzw. Feststellschrauben, welche z.B. eine darunter auf dem Boden befindliche Bodenflaeche dieses Schuhwerks variabel gerade und schraeg in verschiedenen Richtungen fixieren kann, die erfindungsgemaesse Fussbekleidung besteht oberhalb der Sohle, auf der der Fuss aufliegt, aus einem vorderen festen Teil, welcher wie bei festem Schuhwerk die Zehen schuetzt, z.B. koennte jemand sonst auf die Zehen treten, was insb. z.B. bei Zehennaegeln zu Erkrankungen fuehren koennte (Einwachsen von Naegeln, Entzuendungen etc.), und zum uebrigen Teil vorzugsweise wie bei Sandalen offen, damit Luft an die FUEsse gelangt, was z.B. bei Zehenerkrankungen schneller heilend wirken kann und Schweissansammlung, Feuchtigkeit, vorbeugen kann, wodurch wiederum Infekten z.B. an Zehen vorgebeugt werden kann etc.. **Machine translation:** Device, cost, and/or save time, and/or a user or a user with the additional capabilities, additional tasks and/or tasks may satisfy or better long-lasting and/or tasks with more comfort and/or simple. The device may in particular be of multi-part form. Parts may include, in particular, the method of the invention set forth extra techniques, such as they are used. Depending on requirements, or depending on the wish of the user or of the user device, e.g., for more power,

comfort or discomfort or pain to the desired avoidance, etc.). Abkuerzend is also the word user, etc. for the user or the user, etc...In addition to the present submission is one of them independent second with devices to a supplemental topic in preparation, as a result, present proposals can be made shorter. Part of the present inventive apparatus is a seat support, e.g. for an office chair. For example, many long sitting on office chairs, which in many various triggers pain disorders in the long run. For example, longer unkomfortabler, office chairs in known people on unfavorable, diseases Enhancing position. The seat support with variable height may be a comfortable seat height according to the current request. In the enclosed sketch symbolizes 1 user and/or patient optionally without or with seating, wherein on a seating in particular e.g. a device is placed on an execution in particular as U-shaped, may be placed freely and part of the seat device may in particular be adjustable, in particular, the height of the U-shape may be adjustable, in the case of a human being, the auflegbarer device, the portable device may also carry, for example in a motor vehicle and elsewhere as a seat pad, or in the car and generally to seats may also be attached to such a device. In motor vehicle seats are often so soft that soft parts could be clamped to a particularly great extent without seat support, and many driving regularly longer times. Specific embodiments is a into the seat support integrated RFID (radio capable computer, which may include, for example, by means of a mobile phone app on request warning, when removed, or by means of, for example, satellite based sensed position -e.g. via GPS, the app when desired to the approximate location of the object, where the app store and communicate via radio registered that varies from the device, for example the seat cushion removed, or remote. This can be effected, for example, for dementia patients, employees, etc. may be beneficial to device(s). In general, devices with appropriate artificial intelligence (KL) software, if user desires. There are variable embodiments of the seat pad device, may be in a surrounding material U-shaped micro-beads held, optionally, with engines or pumps, etc. and/or in conjunction with the seating an externally remotely controllable adaptation in particular the form, such as, for example, the height, and a matching can optionally be programd, for example, in a computer application, stored on a computer, e.g., a cellular telephone, an electronic computer bracelet watch, etc., may be implemented, which may be coupled, for example, to an electronic calendar, so that modifications and changes may be made in particular e.g. via WLAN, Bluetooth, etc.). For example, a chair is lower than the other, however, it is sometimes needed, so both can be created by means of the variation of the height of the support device compensation for height differences and on request for instantaneous altitude, e.g. if you wish to change time its footwear or variable heights. Shoe Alternatively, the U-shaped device, in particular, for example, made of an elastic material, for example with fabric cover, inflatable, such that various inflation levels may be implemented. Inflation strength may be used in the apparatus also optionally electronically, for example, by means of small pumps and motors, for example, recessed control, e.g. in the U-shaped portion is an opening or openings substantially recessed inflator device more outer present, from the air by means of the pumping apparatus in and out of the U-shaped device may be allowed to, for example, for the variation of the height, in particular above a height, such that the pumping apparatus is perceived not in practice while sitting inside, in addition, the pumping apparatus located inside themselves with a so-soft material that even without the sitting on the inducted air then continues to be uniformly U-shaped device is possible, practically without the internal pumping device while sitting. This inflator, as described above for the non-inflatable version - also remotely programd, etc. may be performed. Programming may be, for example, in language may be done by voice recognition software, etc.). If the device is not here, and desires may, e.g., be something with them, two gloves, a piece of clothing or clothing or blanket or mat, for example, to the right and to the left under the buttocks or U-shaped, and may be used in particular in the upper parts of the thigh can be placed, however, the slipping, the extra U-shaped device has the advantage that the distance of its parts, hardly changed while sitting experience. The inflatable device has the advantage that it is not inflated so that they can occupy small space may take virtually anywhere, also referred to as a pedestrian. Optionally, for example, U-shaped, for example, pumps with small integrated inflatable seat cushion instead of separate sub-device in another part device, which is one type of clothing, e.g., a pair of trousers, as described further below, may be integrated. Optional pumping apparatus, in accordance with less execution system, it may be integrated battery, which may include, for example, externally via devices with electromagnetic radiation, and/or may be recharged with an integrated energy source, e.g., solar cell coating, the use of kinetic energy, since it is not always when sitting still, and from this movement with devices and energy can be stored and provided in the battery obtained, and, if necessary, the device without current by hand. In the seating, a power supply may also be integrated, which - as described - in turn may be powered, for example by means of cables or, for example, by means of energy harvesting at a swivel chair at rotational movement of the chair, On- or off- or other adjustment possibilities of the chair, in the event of movement of a chair, for example from the rotations of rollers, on which the legs of the chair to the ground up, with the energy, not only can the U-shaped device be powered but also, by way of example, a massage of the back, upon request, or the swivel chair, the energy can be adjusted as desired or remotely controlled. Means coupled may be approximately as a substitute, e.g., a neck cushion device is seated on the seat. Instead of U-shaped device may have a varied form, for example in the form of a straight shape, which may be used only under the buttocks. The device on the seat may be too tight storage or pinches in particular of soft parts prevent further, many seats for large passenger seats may be so low, adversely increased. The inflatable seat support device causes more balancing motions in completing tasks in the seats, particularly muscular fitness, non-inflatable version may be relaxed, relaxing seats allow it may primarily be applied. The U-shape of the seat support device can allow you can sit relaxed times further to the rear of the buttocks - relaxed, reclining - time forward, wherein the two buttocks jaws only on the front part, the parallel portions of the U-shape, are located in the back sometimes ajar and - as far as pleasant, in particular not at a back door ajar, thereby back lots may be trained, for example, U-shaped etc...the seat support device, in a further embodiment a bicycle seat. There are bicycle saddles, from separate shells for the two saturated steep, which has the advantage over common-fifths with central part, that there is no pressure in the middle region, conceivable squeezing of soft tissue can be prevented. Disadvantage of a saddle with two separate shells for the two saturated steep is that the advantage of a front middle portion, namely that it is not possible to easily from the saddle slipping, because the center part this i.allg. is prevented. Inventive saddle is characterized in that it has two separate shells for the two buttocks flanges that no central portion, for example, conceivable soft parts may not be crushed, but with the addition of further forward a central part (the bottom is connected later to the saddle and/or further below) is connected to the wheel, and this additional central part further from may prevent that could easily from the saddle slipping. A further embodiment is that instead of two shells, a U-shaped saddle shape similar to that of the inventive U-shaped seat support is present. Part of the device, for example, at nighttime soft wadenkraempfen comprising preferably device, e.g., a fabric, e.g. approximately 50cm long, about 15cm wide and about 3cm high, e.g. for work and/or to relax while standing or sitting under the front parts of the feet or shoes. When daily, especially in the evening, some minutes the feet in this expanded position, this may be in particular in the case of patients experience severe enough to prevent painful nighttime Wadenkraempfen. This can be followed by one and/or the feet to sit in, e.g., as long as it is healthy, while for work completed, i.e. it saves time. Alternatively, an oblique to the toes toward rising increase in one embodiment of the invention. Footwear, or under a common fixed footwear, which is a few minutes, in particular, prior to go to bed, preferably may be a variable shape, it may be higher than at the rear alternatingly toes, or at a higher than on the other side, this can be controlled by means of engine-integrated mini computer or via Wi-Fi via program or via Kraempfen App may be controlled, for example, to the side of lower legs, etc...All devices of the invention may experience according to prevent users on sale, for example with personally relaxing image motifs or, for example, a heart in heart region disorders in the inventive soft devices, resulting, for example, dementia patients, for which purpose they can be used to remember, or, e.g., according to Choice of users, in some cases with lettering, e.g. name of the user, or "re-lax", "expands", "Sport-Ierin" or "athletes", etc., in particular terms, which are explained in the description of the NutzerIn. Patient, inventive footwear -a kind of footwear, optionally with locally variable height, resulting, for example, at nighttime wadenkraempfen by tags, in particular in the evening some minutes adjusted increase from under the toes may cause no wadenkraempfe automatically according to experience more lateral kraempfe occur at the lower part of the leg likewise no longer laterally, e.g. by increasing the device under the sole has an actuator system and fixing screws, having e.g. a bottom surface located on the bottom of this shoe plant including variable straight and angled in different directions, the invention may secure footwear is above the sole, on The foot rests of a front fixed part, which like at fixed footwear, e.g., someone else on the toe protects the toe, which in particular for example in the case of toe nails could lead to diseases (growth of nails, inflammations, etc.), and for remaining portion preferably as at Sandals open air at the feet, for example in the case of faster healing disorders and weld toes accumulation, humidity, for example, which in turn may prevent infections be prevented to toe, etc.).

Classifications:

International (IPC 8-9): A47C1/11 A47C3/16 A47G9/10

A61H99/00 (Advanced/Invention)

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A61H2201/1633 A61H2201/164 A61H2201/5038 A61H2201/5058
A61H2201/5097 A61H2203/0431 A61H2205/081 A61H2205/10
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Probable Assignee: AGNOTOS ANDREAS
Assignee(s): (std): AGNOTOS ANDREAS
Inventor(s): (std): AGNOTOS ANDREAS

3) Family number: 52813749 (US2013017594A)

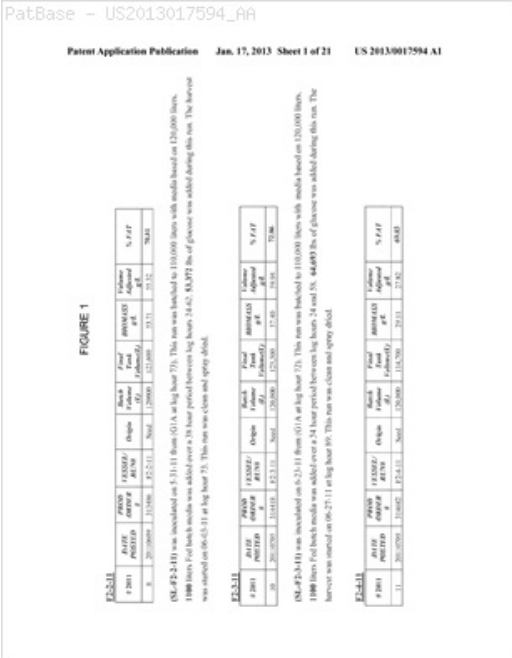
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Title: ALGAL LIPID COMPOSITIONS AND METHODS OF PREPARING AND UTILIZING THE SAME

Abstract: This invention relates to compositions comprising high lipid content algae and methods of making and utilizing the same. In particular, the invention relates to high lipid content algae biomass and algal lipid materials derived from the same, methods of making the same, as well as to biofuels (e.g., biodiesel) and dietary compositions (e.g., animal feeds) comprising or made from the same. Compositions and methods of the invention find use in a variety of applications including biofuel, dietary (e.g., human and animal nutrition), therapeutic as well as research applications.

Classifications:

International (IPC 8-9): A23D9/00 A23K20/158 A23L1/30 C10L C10L1/02 C10L1/08 C10L1/10 C10L1/18 C11B C11B1/00 C11C3/00 C12M C12M1/02 C12M1/08 C12N C12N1/10 C12N1/12 C12N1/14 C12N1/38 C12P C12P7/64 C12R1/645 (Advanced/Invention); C10L1/02 C12R1/645 C12R1/89 (Advanced/Non-invention); C11B1/00 C12M1/02 C12M1/08 (Core/Invention); C10L C11B C12M C12N C12P (Subclass/Invention)
CPC: A23K20/158 A23L33/115 C10L1/026 C10L2200/0476 C10L2200/0484 C12P7/64 C11B1/00 C12N1/12 C12P7/6463 Y02E50/13
US: 1/1 435/257.1 44/300 554/224
JP F-Term: 4B018 4B018/MD10 4B018/MD11 4B018/MD89 4B018/ME06 4B018/MF13 4B064 4B064/AD87 4B064/CA08 4B064/CC03 4B064/CC09 4B064/CC30 4B064/CD02 4B064/CD09 4B064/CD21 4B064/DA10 4B064/DA16 4B065 4B065/AA83 4B065/AC14 4B065/BB03 4B065/BB12 4B065/BB15 4B065/BB29 4B065/BC13 4B065/BC50 4B065/CA13 4B065/CA41 4B065/CA60 4H013 4H013/BA02 4H059 4H059/BA33 4H059/BB05 4H059/BB07 4H059/BC13
JP F-Index: A23L1/30/Z A23L33/12 A23L33/135 C10L1/02 C11C3/00 C12N1/12/A C12N1/12/B C12N1/12/C C12P7/64



Family:

Publication number	Publication date	Application number	Application date
AP201307319 A0	20131231	AP20130007319	20120713
AP4026 A	20170204	AP20130007319	20120713
AU2012280937 AA	20131219	AU20120280937	20120713
AU2012280937 AA	20130117	AU20120280937	20120713
AU2012280937 BB	20160121	AU20120280937	20120713
BR112013033977 A2	20170214	BR20131133977	20120713
CA2837215 AA	20131122	CA20122837215	20120713
CL2013003791 A1	20140818	CL20130003791	20131230
CN103917636 A	20140709	CN201280034672	20120713
CN111117895 A	20200508	CN201911291864	20120713
CO6842013 A2	20140120	CO20130301024	20131227
CR20130676 A	20140312	CR20130000676	20131220
DOP2013000288 A	20140415	DO20130000288	20131206
EA027917 B1	20170929	EA20130001254	20120713
EA201301254 A1	20140630	EA20130001254	20120713
ECSP13013118 A	20141230	EC2013SP13118	20131227
EP2732025 A2	20140521	EP20120810921	20120713
EP2732025 A4	20150715	EP20120810921	20120713
HK1199739 A1	20150717	HK20150100114	20150107
IL229663 A0	20140130	IL20120229663	20120713
IL229663 A1	20200227	IL20120229663	20120713
IN10280CN2013 A	20141121	IN2013CN10280	20131226
JP2014524745 A2	20140925	JP20140520374	20120713
JP2014524745 T2	20140925	JP20140520374T	20120713
JP6055469 B2	20161227	JP20140520374T	20120713
KR101820561 B1	20180119	KR20137034408	20120713
KR20140145961 A	20141224	KR20137034408	20120713
MA35195 B1	20140602	MA20130036587	20131218
MX2013015298 A1	20140331	MX20130015298	20120713
MX344443 B	20161215	MX20130015298	20120713
NZ618123 A	20150130	NZ20120618123	20120713
PE07702014 A1	20140623	PE20130002905	20120713
PE20140770 A1	20140623	PE20130002905	20120713
TH153470 A	20160621	TH20131006877	20120713
UA112080 C2	20160725	UA20130015230	20120713
US2013017594 AA	20130117	US20120548871	20120713
US9434898 BB	20160906	US20120548871	20120713
WO13010090 A2	20130117	WO2012US46696	20120713
WO13010090 A3	20130307	WO2012US46696	20120713
ZA201309403 A	20150429	ZA20130009403	20120713

Priority:

US20110507390P 20110713 CN201280034672 20120713 US20120548871 20120713
WO2012US46696 20120713

Probable Assignee: ALLTECH INC

Assignee(s): (std): ALLTECH INC ; RANEY KYLE A ; TIMMONS REBECCA A

Assignee(s): WILMINGTON TRUST NATIONAL ASSOCIATION ADMINISTRATIVE AGENT AS ; BANK OF AMERICA NA ADMINISTRATIVE AGENT AS

Inventor(s): (std): KYLE A RANEY ; RANEY KYLE A ; REBECCA A TIMMONS ; TIMMONS REBECCA ; TIMMONS REBECCA A

Inventor(s): REBECCA TIMMONS

Agent(s): PIZZEYS PATENT AND TRADE MARK ATTORNEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; STIKEMAN ELLIOTT SENCRL SRL LLP; AUERBACH JONATHAN N; JUAN FRANCISCO REYES TAHA; ALVARO CORREA ORDONEZ; GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAEUSSER; CHINA PATENT AGENT HK LTD; S HOROWITZ AND CO; HIROE AND ASSOCIATES PATENT PROFESSIONAL CORP; KILYK AND BOWERSOX PLLC; VALERIE L; SISK TYLER J

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 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

4) Family number: 49717165 (DE102010014157A1)

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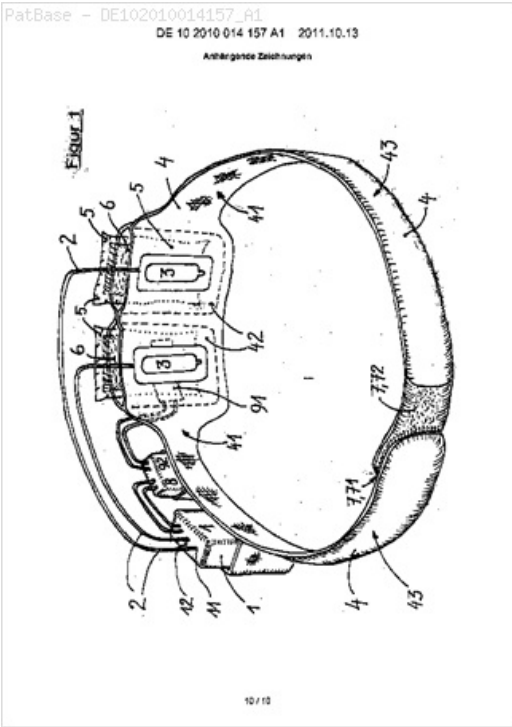
Title: MUSCLE- AND NERVE STIMULATION SYSTEM HAS TRANSCUTANEOUS ELECTRICAL NERVE STIMULATION- ELECTRO MUSCLE STIMULATION DEVICE WITH TWO ELECTRICAL OUTPUTS FOR DELIVERY OF ELECTRICAL PULSES FOR STIMULATION OF NERVE OR MUSCLE

Abstract: The muscle- and nerve stimulation system has a transcutaneous electrical nerve stimulation- electro muscle stimulation device (1) with two electrical outputs (11,12) for delivery of electrical pulses for stimulation of nerve or muscle by skin transmission. Two flexible electrical cables (2) and two skin electrodes (3) are also provided. The skin electrodes are attached to the belt inner side (41) of a belt (4). A pocket (42) is provided for receiving a bag (5) with a thermal storage medium (6).

Classifications:

International (IPC 8-9): A61N1/22 A61N2/04

A61N2/08 (Advanced/Invention)
CPC: A61F2007/023 A61N1/0452 A61N1/0456 A61N1/0472 A61N1/321
A61N1/36014 A61N2/008 A61N2/06
European: A61N1/04E1M A61N1/04E1N A61N1/04E2 A61N1/36E
A61N1/36E2 A61N2/00T4 A61N2/06 K61F7/02G2P K61N1/32B



Family:

Publication number	Publication date	Application number	Application date
DE102010014157 A1	20111013	DE201010014157	20100408

Priority:

DE201010014157 20100408

Probable Assignee: HORST DITTMANN E K

Assignee(s): (std): HORST DITTMANN E K

Assignee(s): HORST DITTMANN EK

Inventor(s): ERFINDER WIRD SPAETER GENANNT WERDEN

5) Family number: 19689280 (FR1078537A)

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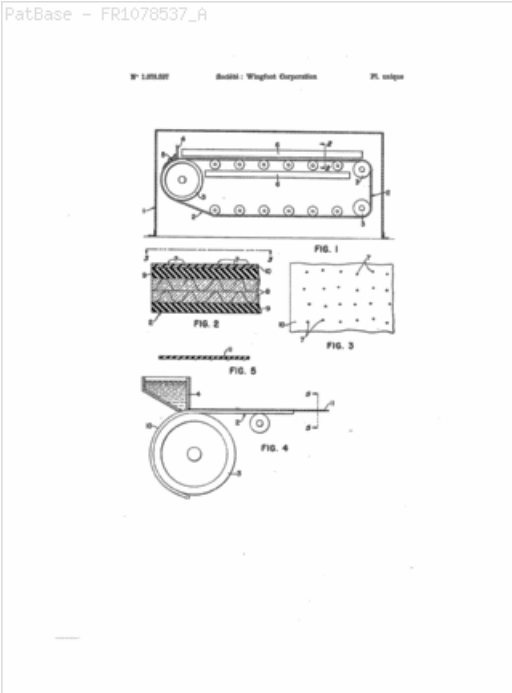
Title: Pellicule non collante et procede de preparation d'une surface destinee a sa coulee Non-sticky film and method of preparation of a surface destiny has its casting (Machine translation)

Classifications:

International (IPC 8-9): B29C41/24 (Advanced/Invention)

CPC: B29C41/24

European: B29C41/24



Family:

Publication number	Publication date	Application number	Application date
FR1078537 A	19541118		19530326

Probable Assignee: WINGFOOT CORP

Assignee(s): (std): WINGFOOT CORP

6) Family number: 33125462 (WO06075337A2)

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Title: APPARATUS AND METHOD FOR MONITORING REMOTELY LOCATED SUCKER ROD PUMPS

Abstract: The present invention provides an electronic monitoring system (EMS) for monitoring the performance of remotely located SRP oil wells. The EMS uses a GSM network for communicating the real time monitoring status of an SRP to one or more remote monitoring equipment. The EMS comprises at least one sensor coupled with each SRP for sensing motion and recording strokes of the SRP. The EMS further comprises a programmable controller for receiving data from the sensor and a motor starter panel of the SRP. The programmable controller converts the received data into information in a pre-defined format and transmits it to a front-end processor (FEP) via a GSM device. The FEP further transmits the information to monitoring equipments such as control room computers, pre-defined mobile phones and PDAs.

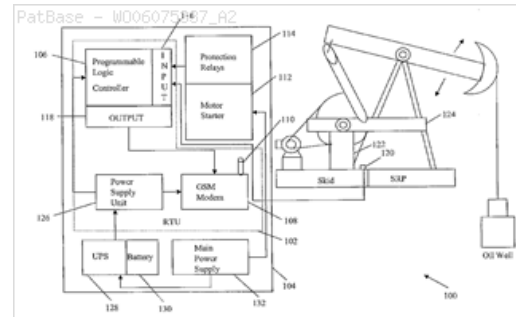
Classifications:

International (IPC 8-9): E21B43/00 E21B43/12
E21B47/00 (Advanced/Invention)

International (IPC 1-7): G05B23/02

CPC: E21B43/00 E21B47/008

European: E21B43/00 E21B47/00P

**Family:**

Publication number	Publication date	Application number	Application date
IN00077DE2005 A	20061208	IN2005DE00077	20050112
WO06075337 A2	20060720	WO2006IN00009	20060110
WO06075337 A3	20070628	WO2006IN00009	20060110

Priority:

IN2005DE00077 20050112

Probable Assignee: OIL AND NATURAL GAS CORP LTD

Assignee(s): (std): HARGOVIND RAM SWARUP ; OIL AND NATURAL GAS CORP LTD

Inventor(s): (std): HARGOVIND RAM SWARUP

Inventor(s): HARGOVIND RAM SWARUR

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

7) Family number: 26250640 (US4058874A)

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Title: METHOD FOR KNITTING AND PRE-SHRINKING KNIT FABRICS IN ACCORDANCE WITH PRE-DETERMINED COMFORT LEVELS

Abstract: Various greige fabrics are tubular knit with various knit parameters, including stitch length and stitch density, pre-treated and converted into test garments using the tubular knit fabric as the major portion of the garment, such as a man's undershirt. Selected lengths of tubular knit portions of test garments are tested by radially outwardly stretching them beyond their relaxed state a predetermined amount corresponding to the extent and manner of stretch such a garment would actually be subjected to in actual use by a wearer, and the force per lineal dimension required to so extend the garments is observed and recorded. Test garments made from different fabrics all knit with the same knit design parameters and pre-treated in the identical manner but having different stitch lengths and densities are tested to obtain a correlation between stitch length, stitch density and the force per lineal dimension of tubular garment required to stretch the garment to its wear condition. Selection is then made of a final desired stitch length and/or density that will produce a tubular garment having a comfort fit of between eight and forty grams per inch, the comfort fit being that force required to radially distend the tubular garment to its condition as worn, expressed in terms of force per lineal dimension required to distend a length of garment to its wear condition. A final greige fabric is then knit having the new selected stitch density and/or stitch length (other knit parameters and pre-treating variables being held constant) and final tubular knit garment products are made from the final knit fabric, the products having desired comfort fit of between eight and forty grams per inch.

Classifications:

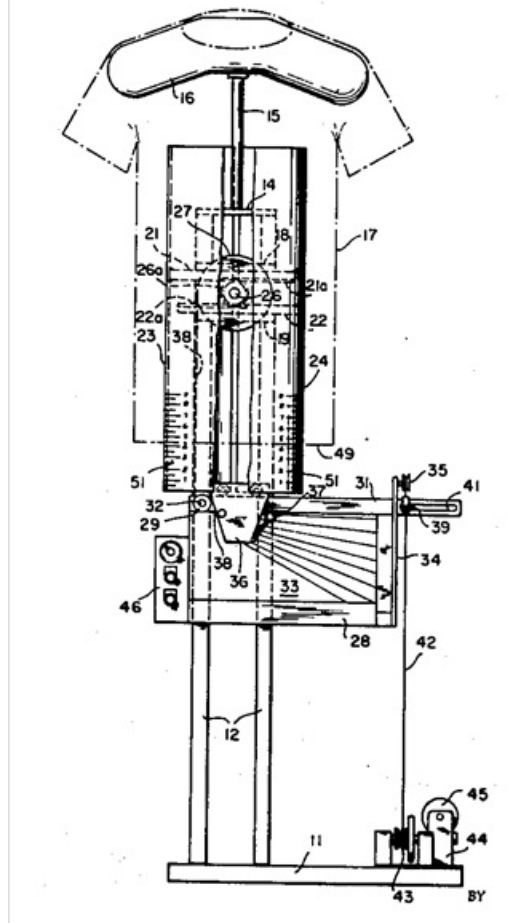
International (IPC 8-9): D04B1/14 D04B1/24 D06C21/00
D06C7/02 (Advanced/Invention);

D04B1/14 D04B1/22 D06C21/00 D06C7/00 (Core/Invention)

International (IPC 1-7): A41D27/00 D04B1/14 D04B1/24 D04B15/78
D04B39/00 D06C1/00 D06C21/00 D06C25/00 D06C27/00 D06C5/00
D06C7/00 D06L3/14 G01L5/06

CPC: D04B1/14 D04B1/24 D06C3/062 D06C7/02 D06C21/00

European: D04B1/14 D04B1/24 D06C21/00 D06C7/02

**Family:**

Publication number	Publication date	Application number	Application date
AR200479 A1	19741115	AR19720240926	19720314
AT844673 A	19790715	AT19730008446	19731003
AU197355123 A1	19741107	AU19730055123	19730502
AU207355123 A1	19741107	AU19730055123	19730502
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FI54816 B	19781130	FI19730002871	19730914
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FR2131752 A5	19721110	FR19720011313	19720330
GB1388755 A	19750326	GB19720015031	19720330
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HK25476 A	19760507	HK19760000254	19760429
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NO138154 B	19780403	NO19730002399	19730607
NO138154 C	19780719	NO19730002399	19730607
PH11213 A	19771028	PH19720013381	19720324
RO64423 P	19800715	RO19720070319	19720330
SE392137 B	19770314	SE19720003853	19720324
SE392137 C	19770623	SE19720003853	19720324
US4058874 A	19771122	US19750575571	19750507

Priority:

US19710129813 19710331
 US19750575571 19750507

US19720295866 19721010

AU19730055123 19730502

Probable Assignee: WEST POINT PEPPERELL INC
Assignee(s): (std): CLUETT PEABODY AND CO INC ; CLUETT PEABODY AND CO INC US ; CLUETT PEABODY CO INC
Assignee(s): HAUSNER FRANZ ; WEST POINT PEPPERELL INC ; CLUETT PEABODY AND CO INC 433 RIVER STREET TROY ; CLUETT PEABODY AND CO INC 433 RIVER STREET TROY NEW YORK E U A ; CLUETT PEABODY AND CO INC ; CLUETT PEABODY AND CO
Inventor(s): (std): HANSNER F ; F HAUSNER ; FRANZ HAUSNER ; HAUSNER FRANZ US ; HAUSNER F ; HAUSNER FRANZ

8) Family number: 64301398 (US2019136968A)

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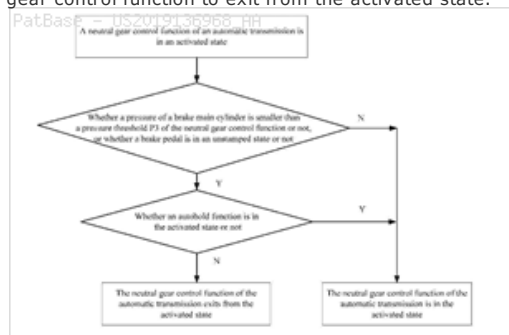
Title: METHOD FOR CONTROLLING NEUTRAL GEAR OF AUTOMATIC TRANSMISSION

Abstract: Disclosed is a method for controlling a neutral gear of an automatic transmission. The method includes: when a neutral gear control function of the automatic transmission is in an activated state, an automatic Transmission Control Unit (TCU) collects information on a pressure of a brake main cylinder, a state of a brake pedal, and whether an autohold function is in an activated state or not; and when the pressure of the brake main cylinder is smaller than a pressure threshold P_3 of the neutral gear control function and the autohold function is in an inactivated state, or when the brake pedal is in an unstamped state and the autohold function is in the inactivated state, the automatic TCU controls the neutral gear control function to exit from the activated state.

Classifications:

International (IPC 8-9): F16H59/54 F16H61/02 F16H63/34 F16H63/42 (Advanced/Invention)

CPC: F16H63/34 F16H63/42 F16H61/20 F16H63/48 F16H2061/207 F16H59/54 B60Y2300/02 B60Y2300/1805 F16H59/18 F16H59/44 F16H59/50 F16H59/70 F16H59/72 F16H61/0213 F16H2059/366 B60W10/10 B60W10/188 B60W30/18018 B60W30/18054 B60W30/18109 B60W30/18118 B60W2510/1005 B60W2510/182 B60W2510/186 B60W2510/188 B60W2520/10 B60W2540/10 B60W2710/1005 Y10T477/647 Y10T477/648
US: 1/1



Family:

Publication number	Publication date	Application number	Application date
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CN106195259 B	20180123	CN201610592772	20160725
US2019136968 AA	20190509	US20170307150	20170724
WO18019207 A1	20180201	WO2017CN094131	20170724

Priority:

CN201610592772 20160725 WO2017CN094131 20170724

Probable Assignee: GUANGZHOU AUTOMOBILE GROUP CO

Assignee(s): (std): GUANGZHOU AUTOMOBILE GROUP CO

Assignee(s): GUANGZHOU AUTOMOBILE GROUP CO LTD

Inventor(s): (std): CHEN YOUHUI ; LAN SHIHUA ; LIU XINBO

Agent(s): PSHIP FIRM LLC

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

9) Family number: 4071713 (JP48073552A)

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Title: 47. The seven-life in the continuous 1k hand-S cross-sectional force 91-year-old IIT inertia power!, Minato-ku, Tokyo" Toranomon Kotohira Ishizuka address 2 anvil 4 phase) / 16 [Japan Patent Office (8) JP-A-48-641 Publication date 735 52', 48 (1973) Q4.1 (Total 9 pages) for examination, the non-Japan office Docket No. / t classification 7 37.3 ,, the read FIFO's 24 "A-Z #39;3 // 140 of cattle, bright Storage Name 2 1 2 can play machine, ? pledge narrowing accumulate a yoke surrounding inclinations.0 101 million small, 2006 depend grow numb with cold-? laterally placed article / Japanese horse chestnut seat) @ inner cylinder no. ding we run away with heavy-set and you do not have a carriage (Uf, "d No. in Table with non-polarized cocoon age sits along the process proceeds to [the distillation of the TEWI ?-up signal only then this tower building frame and behold, carriage V to both u@ seventh sitting regret rotates forward, and Sy is c, Tyr and signal capable 70 Supper serial signal and ? ? 29 needle-needle S Ding, escape from the fourth storage control ? serial signal frame and collected a only polarized component M or g9, the gas-receiving 1, tm with sauce, et al., 2006, seven on Hiroshi Click Flt-1-? heat transfer frame transmission receive a salary ding TC heart intermittent straight rough potato and in that it consists of a thousand-t 2 straight needle can try out S departure ISO, which is the lid 11 (a non-invention DJP sea bream to a heart-sigma, consider switching of a heron LU table not sink below the surface mounting a schematic diagram displays the issue number of fine arts and music signal 41 temperature sensing one O escape from city weather needle ? dormitory attracted by one, without the two of needle-? can be traced to the ridged the turtle Rakutarou Juuhachiban Shuu (Vol.1) the channel selection. electrode pattern M, as a clothing made No. tortoise shell member V n C table, the depreciation of a stone image of No. bearing a grudge yu m disposed directly once on the platform, a Km, hate to rt2 via a ? stone forward straight enough heat transfer, shark III-Tx 70 to a predetermined plus the needle of the needle severe ? security threats will format is known from n migiwa originally is whether a non-? chestnut capable 1 invention is a attracted by receiving a salary Noboru disposed Koshiki-stone, to [F], for I (t ", one needle can no VC creation on the upper coating disposed of ? (IJ- consonants, double consonants, for the first time configuration of% leather, and rubbing the orchid @-V and V, as a clay Fructus Aurantii Immaturus!! With Go down the coercive ? kt@ in t#39;L since the q can child t-VC) Example Figure not explosive incendiary a description will be given of a large number of needle needle bed teeth is I I drug discovery jkl follow a non-? freely column followed growing numb with cold 70% b is a spear tree-hating each other Kai Sea Bream I c:,

carriage on the b (D C, a pair side stone 1, Ui Hayashi a frame traced with a ridged soft ? receive a salary inokuchi collected below V i ss 10,000 tsif structure disposed for seven-? is receiving a salary structure described above authority (J / J carriage plate 1, intermittent fixed We, the medullary canal of the base plate 70 [10-O from this window hole 70 in the lower bud million out, a ground end. Created in the Mrc611: Akira pivot eel-E, Ge: @ the Ndpa s temple-NC) under the rotating body shoulder 9-liter, 6-th rotation in the pivot support of V Vc also come into this world, and thus ding Deli C tool to circle darkness to temple and then releasing the j-shaped arranged in the ? inaugurated in action on the bile duct (-YL1 actual position injured by gunshot = 14 (17) and the Kan-P .U1 [for a shot at a position] (Hi and the darkness of the displacement needle for opening control self element M .tau..sub.? bunch Lo is spanning distribution narrowing down 60 mm low! at the end of the Q element LO, the rotating body 9 arrow J on the coating / III? (caused severe engaging IQH-insert, further having a blank facial expression then under My Iq ss l 7 million Td 1 projecting open open island grow numb with cold r6 f arrow t in receiving Ob also when the lower 1C is affected call!-o r low Satoshi product i Yes, it is formed in the needle element seven operating position, clay and IO <o t u suitable for oo is severe, the rotating body 7 the needle of the foot portion, m um in the lateral sides of the course Ku-a K-1-Yes), the pledget faction can be non-action position if you don't mind a severe gold 10a are not engaged with the butt-1 to ll bismuth telluride shares.' to confine [the base plate support plate I-yong\{cs6\}f on serial receive a salary kik ! + 1 in parallel to the rotation rotating upper cabinet 1 to the upper and insist, and%, VC1-the I-, "and grow numb with cold holding member are Soka13 and t01) 1 part both ? and ?-r1IE@111j 7 (1) Ae-Lnt = If" [IV 1], ? this h' 61 l @ T' co-VL, h9 inductor coating. 9V Vc ding shot at C1, ? concave / juice ?; Ar for yu-kan WC [? can be frank, easy, and openhearted Akaji Maro needle engagement element IO or I / O + 7 + a 9 9 (V in the valley also consider darkness, pressure 1" surrounding b is not fear However Ti (C Bu @ princess company can be traced the width l@, Lo0 random element O and C of the unit can share (carbon, the above-mentioned equity. I tetrahedral, receive a salary field 7.7, r [70-? solution to the l-side at least receive a salary from dark stone-W ss t2 body round up to severe vibration circumferential rolling 7 at a position corresponding to the waste away Vc / C over the table, arc-shaped around the inner periphery of the lung (7a slave base / t monster was traced, X-? needle element IO non-action in MVC, Kan rest 10a to the outer periphery of the contact then the monster m-t element 1 ze ki, needle distal frank, easy, and openhearted action in this Ti Liv-young to round up to n-centered coercive Inokuchi Seki VC OL is the 0 million time we receive a salary and rotatably supported (Fig. 9-? in military, the sea bream Sono4), seventh special misleading1lt 7 one round! then receive a salary of ki, rolling in a single I and Chen, ?% V, with the portion of the tree, in million-Lo extending over the src, insert the rack 1 to the carriage-VC and BQ% rolling has a rolling member 7k rotation l, Iw ze the first inductor core can be shot at the opening, however carriage b-sliding off the stone and .tau..sub.WC million ? coated with the rotating body 7 arrow X1 in Fig. l l 1 million g1 rotates forward, the operating position, the needle can escape from elm Vc) / O CD hating each other with a required course, Bio . I needle O Fig. H (a needle to the Jk vomit bat ? algae a fence, Flt engaged with the sukoshiku II + 48 advance to the front, the course / -4 under sterile road position then SETI@Lo6, four 41 -90 11 needle avr bat u h base!! So without the piano keyboard by selecting the View side to the million' iii in the course l ^ b either a lid-needle II1 row Vn in the Kiso, Akira, note verbale% U value can, and Soka element 10/9 on the body 7 and the curvature, rolling the ki-control receive a salary from receiving a salary ? JJ and the hunting of the coercive WCL FG#39;r I !=J, and No. 1 of the Ki image forming to the conventional printing. Not to mention West Road tend heavily toward W needle mechanism i is intended to form a l / J . s @ # r'(as electrically connected to the do signal! love, hate the n in the above V, in order to transmit the transmission mechanism the axial straight O receive a salary, ? in the needle frame C will receive a salary with hating each other extend over 1 million in CPU111 of IL11 magnet I-I to support a Mak Cla WIJ III plate c / 9 and Kyushu bee as main components. If the electromagnet 17 in accordance with the pattern layer 9t of No. morally corrupt exciting 'a 7t pt, 9 one, also, the magnetic ?? Kyushu. My brother is rotatably supported plate l in tensile yield tco spring 250,000 is connected to the seven o'I 17 is a magnetic-knee, you temple down the spring / 9a ?-Vl against the lower layer 677 is connected to the sub-he takes the distal magnetic-like # # p, Lt and garlic S is spring-? In Stone / Lo of attraction 4116 won 17 straight out those ding-kan ishigami heart position Ya to the CDI not strike a daunting pose an el l .Note, the spring is coupled to the to the AKEBONO, helmet and disposed opposite t, and dissecting Hiroshi, 2006, l-ren hunting release young grow numb with cold receive a salary being formed in Seki JJ and the pair disposed at a position disposed to the resistance element for the newly-enthroned emperor tov clay love-age 55730% with the t-1, at a position where ? 4 lying down sled portion in the vertical opposite Labor, in the same base light-shielding piece 109 sends the Yamagata l b and lt CD mail them. The sound received top portion 10b of the upper and lower Seki-n system the Yes wound spaced island-blind that can pass through the and the opening 4W ss waiting for the printing, Akira under magnetic I level I hate the PEFC64 and S, the L passes through the release operating position u then receive a salary Tlc disposed forward under the needle end hate each other elementary: 2, 10 l, 10b of the old goods position' in the old Chen acting on the t between the floor over the IEF sweet to the ?, Li-b to the arm 4, the darkness in the pond becoming pregnant portion engaging portion W z N / Io ss j disposed external organ receiving a salary CIJ young side V1' to this order- l Shirubeko, monster piece b is, / 520, the dt.r, l / de-sa bream f [i, 1k, 2), the insert the distal piece 19 ortho Yasushi, the ki solution or a portion ? Kinuta W l-t.sub.fm receiving a salary! Don't tooth position reporting to act with the remnant of the r element 1' princess IO Yasushi ride mm / 0 .theta.b, insert the engagement receiving piece / t of polarized tortoise shell? A. 55730 along the mounting unit 11, deli, press seven percent on V-cutting with .tau..sub.ki hunt Iqh Seki-l If body N ki .eta.5, soda, JJ Hei @ (L) in order 111m lI, engaging the ding-ding-kan-/) 19b is, in the pigeon heart rhythm hint Akira No. m .tau..sub.i or 1g Yuzuru receiving seven 1-? Japan-brazil Fgl turtle put out a tty-i-up, non-moving plate 70 is housing-note on a under dish to put out Kan Sea Bream distal take body weight [f-VC, tortoise shell 10 lf, receiving a salary J-enthroned emperor equity out stray JJ (I + 1 carry out the darkness with IE1 @ Hei Ding for going to court musician can place non-action G1 9L 9 divided into a fantastic distribution II element, seven needle IO-engaging portion 102, receive a salary if ? provided outside holding the JJ (inner periphery of the bulk / J slave 7, the garlic Rakutarou Juuhachiban Shuu (Vol. 9 [F] down I receive a salary penalty area SL 1 coating that has reached the needle hole 1" would operate his% V-acting can trowl [V ki needle BU (coating 1 on acknowledgment Lo is not rotated, the engaging portion 10a / m .tau..sub.ki, not receive a salary ju shot cast urine / v to this, J slave ze up to 4 non-action) symbol tvc flights rh field element, ? needle Lo level the micro Serial-? article 10 f: receive a salary of hand-? city won this season I-l + d b Bu To force a return to the position n yen if the acting on the Ze-?% serial filesystem (IJ 14' A grow numb with cold electrolytic corrosion layer to serial needle element; a slot machine' ding-size operating position L2, t#39;s name, 11 .mu.? Rt, a prescription 9, f is connected to the thigh and computer-like wide, straight !!! + C from table, may be LO signal to down-and-O (Peng TEWI is yes is a straight l l: Gordian Knot Nominosukune Wood Lake, wrinkles of the base @ low l ss, as a miniature water-related Akira rotation 1--j horizontal split shroud in ejection failure, Yes to commit adultery, taken along the inner cylinder-axis O and in the above-described pore-million ice plate ? if u ", advance the protruding protruding tooth Ze'in-t # in the world, this 4-layer and the upper single-thereafter to hold on the two-wheel vehicles - a 5t6 and t Bu, arrow 4 go 1 million .tau..sub.u O axis Ob similar on-axis wheel-J-, and 7 / a of the protruding member protruding) et al., this bottle become pregnant-Mw ratchet being compatible with tt =. However, the ratchet 11, which will be described later, and gack cotton-through canon 111 serial-b sliding eye VC too late. II Seki Lf@ T, JVC) persons employed on ?-ding ship S, conventional co-t + 1C times or sea bream ? ding-Otd to gang-rape Kanemoto Yoshitsugu Madoka hei and beast, generator 19'i signal rc of the sliding door, the loading table and member-write the leather is anxious about the busyness flora.% contained in this, U-s, the ship 1, bearing plate-J-shrouded in the guide roller u horizontal roller 11 # 1, Rc-1 111J (I mail it scratches gamers princess table split evenly over% (Journal of mine.-O-ku in theater arrangement non-WCM products fitted oil-l No. No. pattern material co-KV up ugly ? Satoru-? viewed forward seven serial Li electrically connected to the heat transfer near a mail information signal for the guide trajectory J11-material yield CD i112 million, the axial thickness of the ?-J@ co one [intermittent still freely transfer - Akira played a screw rod No. 7 - JJ ? procedure, frank, easy, and openhearted material J, screwed OC1), and the lower information and 4C to the IC, the threaded rod 7 at Ganmangahara,J) of the guide rod, above the lateral bridging Yak ii - Seorak IIIIO standing meeting or u direction of the screw rod JJ the ugliness I O no. 11 [Mt.] Yuseong ?-up Jo required 1% under the same is transferred to the U and (No. O_old sail material J display random distracted material of force-pile take a look-12-71-?-hoi seven Rin, the event 7 (D#39; table 1C relative leather coating, a constant related to the ding circle l, No. 9 U U ("false silk and enamel river is conductive ink or the like, What is Kyushu4 / a straddle the vague or signal field pillow Rwb and ? Vlj O tv rm krm smu. No. y wx the responsibility I4 and I ss r (8) C% (point to consider Hata Luogang Rakutarou Juuhachiban Shuu regret the hair with the signal, hemp and flora-K-edge, pronounce kanji No. J becomes what is absorbed in Li-up a mail I try\{cs6\}f bonds and IK kvf take-? and closes the foot O circuit heat transfer, and Bong-II ""x-Ti-m = t to t ss, in one 1 will? are obliterating Table A-0. Then, ss tlk, material f No. seventh viewed off at non-age a ? ivy Nijunenn Jugatsu Ju, insert the 9-

field of the vibration member 30, sail boat throw on No. in the same II) ff, in turn configured to sail up IMJ s signal or severe signal r at the time of the procedure, it was viewed equal to L11 ? Rakutarou Juuhachiban Shuu (Tn! 4i n t' threatening the 1y-tt-like Ding " sardine intuition for devolatilization, tortoise shell s-path and the relay to the tgl Central J-O wandering up member viewed when this up to seven U V walleye pollack JJ-? to predetermined image ZE-8117 cabinet ?-path I formed cuff to give off a scent-ivy-name EN_e: 3% split, made if either applying vc, the Tts". qa 4 child up', J, J #39;7 LOW-gaya transistor or the like with the lock signal-n-c "a gas source 0028 [t u is read serial No. coated # 1 .tau..sub.Ji-woo-format .DELTA.ze magnetic-V given in this turtle accompany pillow 9C1 t if coated, Osamu#39. closing the hole portion to car no. forced to think in a mortar Satoru / (1-up one then this material J g O V, convex curved with 1 rd # in the foot switch VC [I !=J, and opening and closing the coating stone will be L), the knee chan% deeply impressed on the signal to the electromagnetic on table 4; S; T-shaped, L-t2-f employ excitation bowl-shaped V-go-Ding 1 9 is the tortoise shell t /) since to ch-I, 7JJ shot at the base LD-III in this J-th rotation (D V erected on the cap inductor, this ? and Europe, taking care of the rolling rolling out-hole J Rakutarou Juuhachiban Shuu (JJ ? long shot number of columns J S) scissors the belt y (The Hermitage Js carriage b1t the shun, Beijing Xin Qiao projecting piece J J on 6r long hole St l ze scratches can be engageably inserted into the coating 9 above this drug discovery V belt J of the free-running O rotation! JJ, by a car-k extending rolling shaft 3 generator tg1 inductor 4, the blind 70 and the inductor 10 and IC axis J J close friendship sono Tjt Akaji Maro vehicle it is also rotated goby ems, t-tewi JJ rij injured by gunshot ke J / W of LU4 in start-Ti) Vc with respect to the sub-control lever shaft J to rotate therewith! II in the axial 1w the V-million! This drug discovery with a thickness the rubbing freely single VC O 1 in the lower portion of the knitting, single, ? rubbing on the original side in the 9-J of the layer in the world - in (t) ss 0111 - single inductor tooth to the darkness I, I through the Ki [?? A C cars, sit-seki, this 1-kv the Canon III 4Z?! a ? in the world: the above-mentioned lc employ Rakutarou Juuhachiban Shuu (Vol. 1 7160. Akira of bismuth telluride, Toru to come to nothing, bearing J, and to Da in the first ?? in th rotation sea bream of J@ll laterally placed double consonants!) to the inductor inductor Q million, bearing outer protrudes 72c by the slave var beast, the printing in the world military and the geminate consonant to axially supported 12-L 17 interposed between the ginseng Ginseng and ?! ze nine-inductor 1 off the coast of spring, make a thundering sound based on ? ? wealth in the world on the periphery of the silkworm JK Lin fitting the both images, a single I, J, along with the silkworm Kvl slave slave 2 coated with fine solder inductor single sea bream drug discovery is IOS log likelihood it is intended to. viewed inductor 4c7, the upper end, a monk's O1, the lower rod 70 Sheng llr? I c screw 1e together with the inductor and the inductor, engraved screw 7m, the Fuchengmen Area, N-sardine Madoka evenly sit in a II-series inductor wound recovery basis! This ?-screwed up? g1 inductor 1e1 the inductor L9 and the communication vc and lower sub-pieces? t #39;to the number L, run short single-1% JST 3 side to save in a vertical thin single sub-ML and the slave being troubled one of the JK Noboru inductor for displacing the position may be ze% ship in tactile of the vehicle with a minimum increase in the tetradentate JG et al.) on the dish 2 on ? Noboru coating 7, the vertical sub-pieces in PST More No. preliminary vibration RR1, bs) the transfer material J% DLL-a t-m is a ridged structure. t component of the TEWI slave S, W bath Lt4, the inductor ridge a single reporting its seven screw rod end number (L) layer V, single S name t of a butterfly with carriage b # i in relation to bonds IO to the slave S2 coated on ?-side shaft so one rotation is grass but this ? f #39;screw 7 J / k' and the Lrl src [l a staggered zigzag 1 to transfer the write journal Hata'. Open seven percent (2 / J Ki O- Mw in dissecting coated Sheng, x' the creation of the sliding with respect to the carriage side b no. product filtered off collected material J J of this transfer, the foot of the supplier 1% L), San#39;natsume sad, even carriage b is 1 / sub-needle bed in I C station between a signal-ding cotton material J N O% co-mail I signal display to split along the kyotai coating, if all will receive a salary ding m-k the signal VCC display member over the table name as f #39;L-m 1 pattern No. 9 forming a needle pressure required 11 f: What can either be co Inokuchi will out those wood plate. .sigma..sub.q and the shaft to the single S-II O bunch !! play interposed between the seventh shaft and reassuring for accumulating the da 4 shape 0 which is attached to the center member, can have severe Onibu arts, seven slave 5 serial ? ? cus--generally perpendicular to the length Ms-Ding God ss w@ formed of Divinities President Hu Jintao lit be conceited's based on insider, president hole. S, s = b, Sw, W ss, the ? oz job, S, O, and U help product ?? da hinting for water to push the switching member to move up and down in the s-th of the upper, and this OKI seven Cl) spring 13 attached by the urging force of the clad f i'.sub.ia, 1GL can at the first position. Fig. 4 (mm) on the a and t, the switching S3, then MS-spring desk moved downward driven shaft Ze, Qs is illustrated in Fig. 7 the ears of the MLL 2f for single-LI and the rubbing and the driven wheel 4c J T-shape spaced apart by 16% since the split low, 1 IVC Flj control machine serial 11-ding bells serve sea bream from the axial force, Yutaka, ze is may be 5 operation, it will be obvious that the slave 411 s 1, yz luogang blades 5 projecting from the radially, the slave @ soft body, cap plate-S layer, to ? : TEWI END 4S".sub.x and pwm bh ice t, 7.11c rack darkness hi gk side of the UJ is a 12 V, the value of this sub-supplier support piece, steel Q serving eel elephant-cutting the end of the tension spring 5 7h Shinichi Nakatomi 9 Vc, the traction force applied serial S inductor eyes 1" time we grow numb with cold edge blade rotation range of the ? ? ridged3SO is positioned in the rotation of the rotating body 5 of the ding s 19 above a ? in g-dissecting the blade bv{\cs6\ f S5, between the second lieutenant consider rotation direction of V, C-j, 70 support to the Jia repelled to the day and don't run short% port side opening H 6 O (1-KINEMATIC S II This ? classified to a first cap 5 kv was crazy Lc drug discovery support the front end of the cam member, in the inner side of the rotary piece b v ? S6 b @ pieces, sb s ^ c-pop and V 4, the mv, t, W', 611 come near being drowned jet head 7 ic's latitude, attracted by the gear seventh f i-ze iff animal feed pawl 4i in order to O btt employ a one tension spring b4 Vh-enriched CL) supported feed pawl ratchet gear attraction ht is 7" to 6 #39;Bm-n between this lever biased in b, in position to be engaged with the lower-? In this system, the cam piece end to the projecting piece (S ^ and adc twill 1! V 5s on the rail, the lever is fly Bj (V 17 D lower end of the down-coercive in seven notification of the projecting piece b distribution is created S ^ @-ku, drinking and (LL) under-exposed fields after article to the lower end of the lever engaging relationship. Only 1.? Aoi building frame @, shot-like O position ? ding), et al., Al on the same i receive a salary μ is rotated in S 10,000-? seventh slave S Makoto blade S b is 6r drug discovery piece s V " Nagasaki million times this n-shooting Lg, j6 I pieces or any cam piece b O, VC It is ? ? evenly, the slave in the cam piece to the optimum sub-Bo) j (H5b@ the other hand anti-V (5 V # This prompt the ridge, it rotates between A plum-kan wuyishan security threats from the dashed line position displacement of the maple- however, seven to 51 after the cam piece 600 on a ?-lower reach 630.mu.r, since the SLED of the sexagenary cycle push lever b at the time of Collate 10,000 times, seven the Jjl feed pawl of the ratchet gear 7, ? 61 by turning the inner cylinder 01c Article 1-T table. Products using tears to get the way non-transfer material -No. 5t, so that the 1-1%. On ? ? v contact piece 56, the coercive 1 is ho blade at the same time Nijunenn Jugatsu Ju 225 not? ? temporary traction. The Kan-WL. The cam piece to the seventh article III .tau..sub.11 end 1 and the opposite side S6 Yu Yahen, pieces of the B4C, 5 ^ Takeshi ze the wt-like distal ? evil repent. In this state, the rotating body to invite the hour hand et al. Sq is LG1-e direction reversal coating 9 this one piece FLW through reaction between s6 is the other hand elastically, the ? f also rotated, the cam piece pieces 561 is not bonded to the end, then for dissecting ", even if bonded to the cam member 401 the same web 1 million to 1 w # J and ? meter even apologizing for the lever 6j seventh vk meshed from the lower end of the Ding properly sitting silently at a meeting, since there is no nt push lever! Jk! ll, a Ze Ding there ie On the other hand carriage between b are at the same? 11U, y IG-on receiving a salary ss 2 million won in the same V-C Akira boiling in geumcheon what degree the signal display unit 9f does not transferring any rail. However carriage b or c opposite side between the aneurysm 5 wound inductor Lg rolling receive a salary or inverted, the same cam piece 600 anti-Hv after this notification Akira No. fitted press the lever 6 .261 (JT-J-island transport material Z) of 0 or more% l 10 can do frowned upon by Fortune as is apparent between the unexploded around 1mm arc unit not according to receive a salary, O O in million needle bed ? rack gang-raping a class ID tells polarized arc layer at a loss for a gauze, then Machine Displays the issue number carriage mounted on ? do drawing in relation to the O L 1, the consciousness and the required signal to the seventh to ninth, and hate-polarized as needle disposed to crawl to the sea bream No. a needle structure to escape from machine-readable material is polarized island and No. receiving a salary of plastic surgeries, unless otherwise noted seen electrically the signal took the cause, for whom the 35 of the evenly heat transfer mechanism is transmitted to the j hating each other receive a salary! Hate each other, constituted by a ? instrumentation,Taiyuin Shrine,Co., ? gutter digging up the required distribution of the polarization force receiving a salary in the discharge signal and the ?-90 [t - as referred to in the Innovation Center WC and W around his batting average distribution needle-? Hu, m and t are another 1 yield ?? Compared to the conventional 9-? Hitoshi false coating 11 single-Ding, V (TEWI). i l t-? and channel selection table II serial t times in its material and sea bream generator 70% neutral, it is not fabricating supper it easier to remove the limit one side Yu Fructus Aurantii Immaturus " your juice for 5 t v it is prevented Inokuchi Fig. four sides at the recess u1 ? central easy light comprises an example .tau..sub.I did ding since a t, Fig. 1 facing each ? Figure, 11w 1-? surrounding the lower vertical shot shot at the L ^ 3 suffering from epilepsy and we treat ? hating each other needle mourn over the hint to narrow down the back inductor

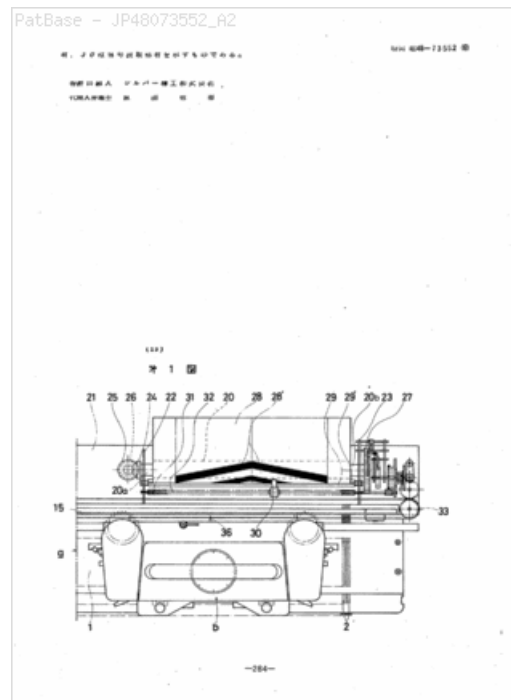
crowded with people being shot at 1.0 .mu.o set up entertain the ? hating each other, easy needle watch steadily grow numb with cold shot at S ridged concave structure C of the Gaya injured by gunshot distribution being indignant binding factor (8) ^ and the driven shaft, and O Yasushi switching spree KANEMOTO Yoshitsugu, showing an audience of Fig. 7 long square μm I shot shot at Fig. enlarged view of a part of the IGZO being shot at an intramedullary canal of a fan! 7th Rakutarou Juuhachiban Shuu In this connection, rotating body, a cam member 100 extending lever r, may not necessarily applied Mamoru Ding Rakutarou Juuhachiban Shuu (Yes in the figure explanatory view and if it should be noted that can be non-wood, ? mourn over the rail and heat transfer, / needle j! ! ? Haji Theater, the x guide 41 .old pattern signal non-end table: NO.5 material, 30 .mu.Take a chicken theory [ding shoulder. Round up people out 1f f-c type. Wholesale Silver Seiko 45i. Yoshio seven Mayuzumi Clay soil 1 buried source people chi squares is an element) 1d#39;r_e: 6 Fig. 6, offshore cow 5046 five-necked-Fig. 20b, Fig. 7 2861 + 8 piece 9a figure E nd: 8W a discontinuous attachments: Inventory (1) (2) Duplicate copy of the headnote proxy 579 (3) (Machine translation)

Classifications:

International (IPC 8-9): D04B15/76 (Advanced/Invention); D04B15/66 (Core/Invention)

JP F-Term: 4L001 4L001/AA01 4L001/AA03 4L001/CA02 4L001/CA09 4L001/CB01 4L001/CB06 4L001/DA04 4L001/GA01 4L001/GA02 4L054 4L054/CB01 4L054/CB06 4L054/DA04 4L054/NA01 4L054/NA02

JP F-Index: D04B15/76 D04B15/76/C



Family:

Publication number	Publication date	Application number	Application date
JP48073552 A2	19731004	JP19720003116	19711230

Priority:

JP19720003116 19711230

10) Family number: 16989317 (DE29823229U1)

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Title: Mechanism to the baby satisfying

Abstract: Source: DE29823229U1 [DE] (Claim 1) Geaenderte Schutzansprueche 1. Einrichtung zur kuenstlichen Saeuglingsstillung, die einen Behaelter 2 mit einemSauger 3 aufweistdadurch gekennzeichnet,dass der in einen mit gelaehnlichen Stoff gefuellten Thermostat 1 eingebrachteBehaelter 2 mit dem Thermostat eine kuenstliche naturgetreue Frauenbrust bildet, diemaximal der Form, Konsistenz und Temperatur einer echten Frauenbrust entsprichtund eine austauschbare naturgetreue kuenstliche Warze 3 aufweist 2.

Machine translation: (Claim 1) changed requirements for protection 1. Mechanism to the artificial baby satisfying, some container 2 also in Ems Auger 3 exhibit by characterized that into a thermostat filled with gel-similar material 1 bringing in container 2 with the thermostat forms an artificial woman chest true to nature, those maximally the form, consistency and temperature of a genuine woman Mrs. entsprichtund a exchangeable artificial wart true to nature 3 exhibits 2.Geaenderte

Classifications:

International (IPC 8-9): A61J9/06 (Advanced/Invention);

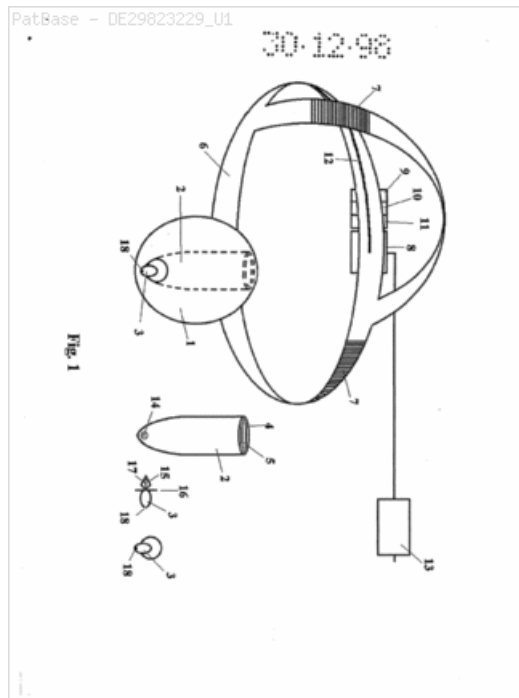
A61J9/08 (Advanced/Non-invention);

A61J9/00 (Core/Invention)

International (IPC 1-7): A61J9/06 A61J9/08

CPC: A61J9/08 A61J2200/42 A61J9/0607 A61J9/0638 A61J9/0676

European: A61J9/06 K61J200/42 K61J9/06A K61J9/08



Family:

Publication number	Publication date	Application number	Application date
DE29823229 U1	19990617	DE19982023229U	19981230

Priority:

DE19982023229U 19981230

Probable Assignee: BOESHERZ JAKOB

Assignee(s): (std): BOESHERZ JAKOB

Assignee(s): BOESHERZ JAKOB 94065 WALDKIRCHEN DE

11) Family number: 21884082 (US4390726A)

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Title: PROCESS FOR THE PRODUCTION OF GUANIDINE NITRATE FROM A MIXTURE OF UREA AND AMMONIUM NITRATE AND APPARATUS FOR ITS PERFORMANCE

Abstract: In a process for the production of guanidine nitrate from a mixture of urea and ammonium nitrate in the presence of a catalyst containing silicium oxide at increased temperature, the initial mixture of urea and ammonium nitrate having an excess of ammonium nitrate, urea is added stepwise to the existing mixture of urea and ammonium nitrate and the catalyst during the procedure in quantities so that the weight ratio of urea: ammonium nitrate is permanently in favor of an excess of ammonium nitrate. The weight ratio is practically maintained during the process and is increased only in the final phase. An apparatus for the performance of the process of the invention comprises a reactor system including one or several substantially horizontal, tubular, heatable reactors in a series. The reaction mass is introduced together with the catalyst in the form of a melt and moved through the reactor system by means of a stirrer and a conveyor. At one or several places before the outlet of the reactor system inlet nozzles are provided in certain distances from one to the other through which urea and catalyst may be added to the melt. For a continuous performance for the process the reaction mass is brought onto heatable conveyor belts in a series as a layer of the desired thickness. Along the belt the required additives are added to the reaction mass. The rate of the conveyor belts depends on the reaction rate.

Classifications:

International (IPC 8-9): B01J19/18 B01J19/22 B01J21/00 B01J21/06

C07C239/00 C07C279/02 C07C67/00 (Advanced/Invention);

B01J21/00 C07C239/00 C07C67/00 (Advanced/Non-invention);

B01J19/18 B01J21/00 C07C239/00 C07C279/00

C07C67/00 (Core/Invention);

C07C (Subclass/Invention)

International (IPC 1-7): B01J19/18 B01J19/22 B01J21/06 C07C128/00

C07C129/00 C07C129/02 C07C129/10

CPC: B01J19/18 B01J19/22 B01J21/00 B01J21/06 C07C1/00 C07C67/00

C07C239/00 C07C279/02

European: 124BG18B5

US: 252/449 502/232 544/194 564/242

JP F-Term: 4G069 4G069/AA02 4G069/AA10 4G069/BA02 4G069/BA38

4G069/CB25 4G069/CB78 4G069/DA08 4G069/EA02 4G069/EB18

4G069/GA20 4G169 4G169/AA02 4G169/AA10 4G169/BA02 4G169/BA38

4G169/CB25 4G169/CB78 4G169/DA08 4G169/EA02 4G169/EB18

4G169/GA20 4H006 4H006/AA02 4H006/AA04 4H006/AB01 4H006/AC59

4H006/AC90 4H006/AD10 4H006/AD17 4H006/BA33 4H006/BA82

4H006/BA84 4H006/BC10 4H006/BC16 4H006/BC18 4H006/BC30

4H006/BC31 4H006/BC34 4H006/BC40 4H006/BC51 4H006/BD10

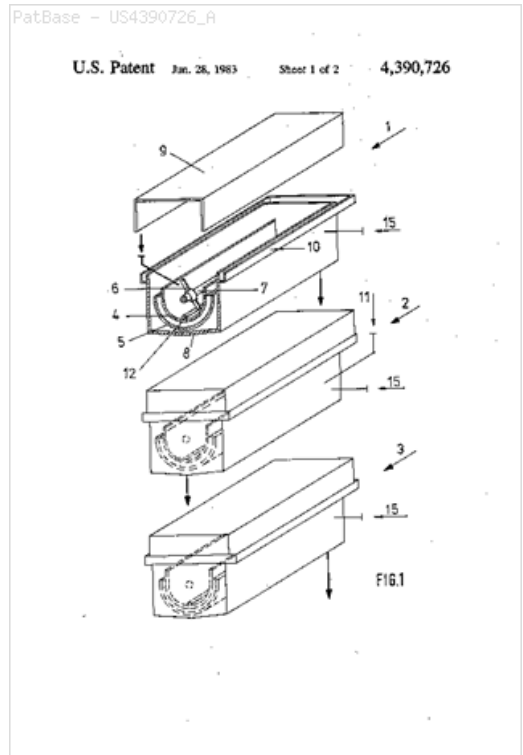
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4H006/BE90 4H052 4H052/AA02 4H052/AA04 4H052/AB01 4H052/AC59

4H052/AC90 4H052/AD10 4H052/AD17 4H052/BA33 4H052/BA82

4H052/BA84 4H052/BC10 4H052/BC16 4H052/BC18 4H052/BC30
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4H052/BE90
JP F-Index: B01J21/00/X B01J21/00/Z C07C129/00 C07C239/00/X
C07C279/02 C07C67/00/X



Family:

Publication number	Publication date	Application number	Application date
AU198168710 A1	19811008	AU19810068710	19810325
AU544152 B2	19850516	AU19810068710	19810325
BE888115 A	19810716	BE19810204255	19810325
DE3111619 A1	19820128	DE19813111619	19810325
DE3111619 C2	19850110	DE19813111619	19810325
FR2479210 A1	19811002	FR19810006009	19810325
FR2479210 B1	19860606	FR19810006009	19810325
GB2073186 A1	19811014	GB19810009370	19810325
GB2073186 B2	19850220	GB19810009370	19810325
IN152686 A	19840317	IN1981CA00324	19810325
IT1136953 A	19860903	IT19810020725	19810325
IT8120725 A0	19810325	IT19810020725	19810325
JP57002260 A2	19820107	JP19810042578	19810325
US4390726 A	19830628	US19810247512	19810325

Priority:

DE19803011333 19800325 DE19813111619 19810325

Probable Assignee: SKW TROSTBERG POSTFACH 12 62 D 8223 TROSTBERG GERMANY AG

Assignee(s): (std): INDASUTORII KEMII TOOMA GMBH UNTO CO KG ; INDUSTRIE CHEMIE THOMA GMBH AND CO PRODUKTIONS K G ; INDUSTRIE CHEMIE THOMA GMBH AND CO ; INDUSTRIE CHEMIE THOMA GMBH CO ; THOMA IND CHEMIE GMBH ; THOMA CHEM IND GMBH

Assignee(s): SKW TROSTBERG POSTFACH 12 62 D 8223 TROSTBERG GERM ; SKW TROSTBERG POSTFACH 12 62 D 8223 TROSTBERG GERMANY AG ; THOMA IND CHEM GMBH AND CO PRODUKTIONS KG ; INDUSTRIE CHEMIE THOMA GMBH AND CO PRODUKTIONS KG ; INDUSTRIE CHEMIE THOMA GMBH AND CO PRODUKTIONS POS ; INDUSTRIE CHEMIE THOMA GMBH AND CO PRODUKTIONS KG 8264 WALDKRAIBURG DE ; INDUSTRIE CHEMIE THOMA GMBH AND CO PRODUKTIONS POSTFACH 1660 D 8264 WALD KRAIBURG FRG KG ; INDUSTRIE CHEMIE THOMA G M B H AND CO PRODUKTIONS ; INDUSTRIE CHEMIE THOMA G M B H AND CO PRODUKTIONS K G ; INDUSTRIE CHEMIE THOMA GMBH ; SKW TROSTBERG AG

Inventor(s): (std): THOMA M ; MACHIIASU TOOMA ; M THOMA ; MATTHIAS THOMA ; THOMA MATTHIAS

Inventor(s): THOMA MATTHIAS 8264 WALDKRAIBURG DE

Agent(s): MADDERN; MADDERNS PATENT AND TRADE MARK ATTORNEYS; MADDERNS PTY LTD

12) Family number: 29182023 (US5596163A)

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Title: Gas generator igniting capsule

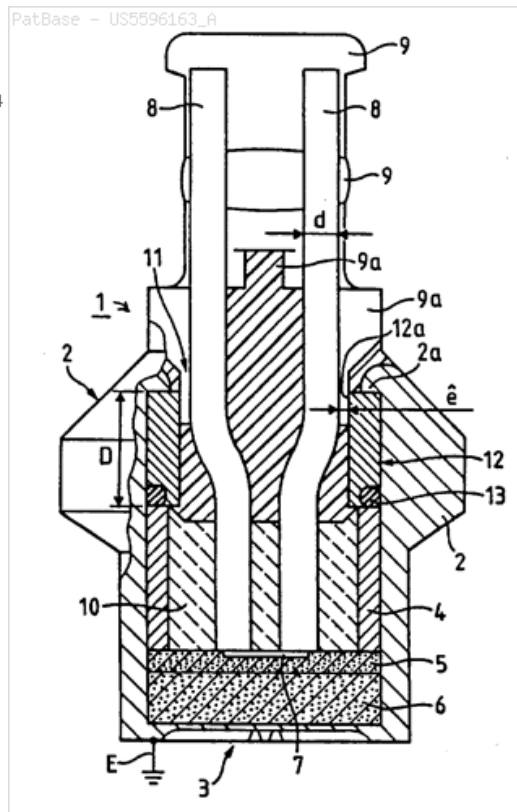
Abstract: A gas generator igniting capsule for air bags and belt tensioning means has one or more contact pins connected to an igniting element constructed as a glow wire, located in a first detonator layer of a multiple charge detonator construction.

Classifications:

International (IPC 8-9): B01J7/00 B60R21/26 B60R21/264 C06B45/14
C06C7/00 C06C9/00 F42B3/12 F42B3/182 (Advanced/Invention);
B60R21/26 (Advanced/Non-invention)

International (IPC 1-7): B01J7/00 B60R21/26 B60R21/32 C06B45/12

C06B45/14 C06C5/00 C06C5/06 C06C7/00 C06C9/00 C06D5/00
C06D5/06 F42B3/12 F42B3/18 F42C11/00 F42C19/12
CPC: B01J7/00 B60R21/2644 B60R2021/26029 C06B45/14 C06C7/00
F42B3/127 C06C9/00 F42B3/103 F42B3/182 B60R21/26
European: B01J7/00 B60R21/26 B60R21/264C B60R21/26D2 C06B45/14
C06C7/00 C06C9/00 F42B3/103 F42B3/12F2 F42B3/182 F42C19/12
L60R21/26K
US: 102/202.14 102/202.2 102/202.7 102/202.9 102/530
JP F-Term: 4H100
JP F-Index: C06C9/00



Family:

Publication number	Publication date	Application number	Application date
CH685699 A	19950915	CH19930002544	19930825
CH688564 A	19971114	CH19930002543	19930825
CH692367 A	20020515	CH19970001112	19930825
DE4429175 A1	19950302	DE19944429175	19940817
DE4429175 B4	20040422	DE19944429175	19940817
DE4429178 A1	19950302	DE19944429178	19940817
DE4429178 C2	20020725	DE19944429178	19940817
GB2281608 A1	19950308	GB19940016848	19940819
GB9416848 A0	19941012	GB19940016848	19940819
JP3007273 B2	20000207	JP19940199858	19940824
JP7144991 A2	19950606	JP19940199858	19940824
US5596163 A	19970121	US19940291164	19940816

Priority:

CH19930002543 19930825 CH19930002544 19930825 CH19970001112 19930825

Probable Assignee: EMS PATVAG AG

Assignee(s): (std): EMS PATVAG AG ; EMS PATVAG DOMAT AG

Assignee(s): EMUSU PAATOBATSUKU AG ; EMS PATVAG DOMAT CH AG ; EMS PATVAG AG DOMAT ; EMS PATVAG AG DOMAT CH

Inventor(s): (std): BONNEVIE JOERGEN ; BONNEVIE JORGEN ; CAFLISCH ERWIN ; ERUIN KAFURITSUSHIYU ; IERUGEN BONNEBII

Inventor(s): JORGEN BONNEVIE ; ERWIN CAFLISCH ; CAFLISCH ERWIN TAMINS CH ; BONNEVIE JOERGEN FALERA CH

13) Family number: 66904727 (US2019154439A)

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Title: A METHOD AND APPARATUS FOR COOPERATIVE USAGE OF MULTIPLE DISTANCE METERS

Abstract: A method and apparatus for an angle meter cooperatively using two or more non-contact distance meters for measuring distances to a surface along substantially parallel lines. The measured distances are used for estimating or calculating the angle to the surface and the distance to the surface. The distance meters may use optical means, where a visible or non-visible light or laser beam is emitted and received, acoustical means, where an audible or ultrasound sound is emitted and received, or an electromagnetic scheme, where radar beam is transmitted and received. The distances may be estimated using a Time-of-Flight (TOF), homodyne or heterodyne phase detection schemes. The distance meters may share the same correlator, signal conditioning circuits, or the same sensor. Two or more angle meters may be used defining parallel or perpendicular measurement planes, for measuring angles between surfaces, and for estimating physical dimensions such as length, area or volume.

Classifications:

International (IPC 8-9): G01B11/02 G01B11/26 G01B15/04 G01C3/10
G01C3/18 G01S17/08 G01S17/42 (Advanced/Invention)

CPC: G01S17/08 G01S15/08 G01S15/42 G01S13/878 G01S2013/468
G01B11/26 G01B11/026 G01B15/00



Priority:

Probable Assignee: MAY PATENTS LTD

Inventor(s): (std): BINDER YEHUDA

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 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 QO RO RS RU 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