

Search history

Search 1: oil pumping unit (Results 2759)
Search 2: 1 and laser (Results 9)

1) Family number: 42587057 (US2008290599A)

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Title: WEALTH DEVELOPMENT GAME

Abstract: A board game is configured for learning and practicing principles of wealth development. The board game broadly includes, among other things, a game board, game tokens for tracking player movement during the game, activity cards that players draw in response to landing on board spaces, and a worksheet for tracking various financial metrics used for playing the game and for determining the winner. Each of the board spaces are associated with one or more wealth-building activity categories and direct the players to follow instructions that correspond with the respective categories. The worksheet includes sections for tracking financial metrics such as the player's income, expenses, assets, liabilities, and net worth.

Classifications:

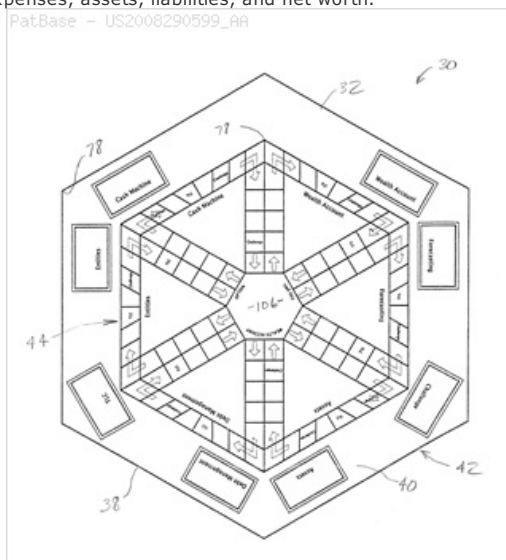
International (IPC 8-9): A63F3/00 (Advanced/Invention);
A63F3/00 (Core/Invention)

CPC: A63F3/00006 A63F2003/00015 A63F2003/00025

European: A63F3/00A2 K63F3/00A2B3 K63F3/00A2D3

US: 273/256 273/256P

PatBase - US2008290599_AA



Family:

Publication number	Publication date	Application number	Application date
US2008290599 AA	20081127	US20070752128	20070522
WO08147885 A1	20081204	WO2008US64530	20080522

Priority:

US20070752128 20070522

Probable Assignee: LANGEMEIER LORAL

Assignee(s): (std): BURFORD CHRISTOPHER ; DELACRUZ NEWLAN FRANCISCO ; LANGEMEIER LORAL

Inventor(s): (std): DELACRUZ NEWLAN FRANCISCO ; LANGEMEIER LORAL ; BURFORD CHRISTOPHER

Agent(s): HOVEY WILLIAMS LLP; COLOMBO ANDREW

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 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 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 PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

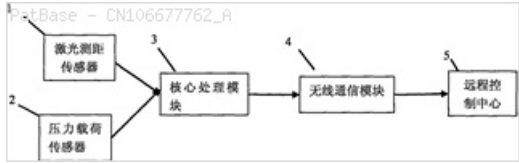
2) Family number: 65713282 (CN106677762A)

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Title: WIRELESS INTEGRAL INDICATOR

Abstract: The invention discloses a wireless integral indicator which can measure an actual indicator diagram of a production well. The wireless integral indicator comprises a laser distance measuring sensor (1), a pressure load sensor (2), a core processing module (3), a wireless communication module (4) and a remote control center (5). The wireless integral indicator is installed on the suspension line of an oil pumping unit and started, the remote control center (5) sends measuring orders to wireless integral indicator at regular times, the laser displacement sensor (1) and the pressure load sensor (2) correspondingly measure displacement and pressure loads at the same time, and the measured actual values are transmitted to the core processing module (3); and after a cycle of measuring is completed, the core processing module (3) sends the saved displacement value and pressure load value to the remote control center (5) through the wireless communication module (4), the remote control center (5) draws the indicator diagram according to the received displacement value and pressure load value.

Classifications:
International (IPC 8-9): E21B47/009 (Advanced/Invention)
CPC: E21B47/0008



Family:

Publication number	Publication date	Application number	Application date
CN106677762 A	20170517	CN201510814688	20151111

Priority:

CN201510814688 20151111

Probable Assignee: COMMUNICATION CO OF JILIN PETROLEUM GROUP CO LTD

Assignee(s): (std): CAI XIAODONG ; COMMUNICATION CO OF JILIN PETROLEUM GROUP CO LTD

Assignee(s): COMMUNICATION CO OF JILIN PETROLEUM GROUP CO ; JILIN PETROLEUM GROUP CO LTD
COMMUNICATIONS CO

Inventor(s): (std): CAI XIAODONG ; CHEN SHUANG ; HE QIAOFENG ; LI YANXIN ; LI CHUNYU ; JIANG HE ; YANG JIAQI

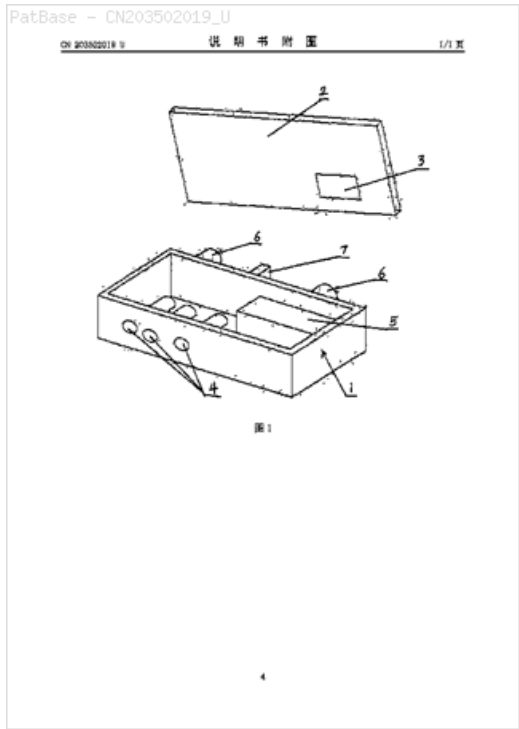
3) Family number: 56083415 (CN203502019U)

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Title: CORRECTOR FOR BELT OF OIL PUMPING UNIT

Abstract: The utility model relates to a corrector for a belt of an oil pumping unit. The corrector comprises a corrector body, an upper cover, a power switch, a laser head group, a battery box, a magnetic block and a sign block, wherein the corrector body is connected with the upper cover through bolts, the elastic clamping sheet of the power switch is tightly clamped on the upper cover, the laser head group comprises a plurality of laser heads, the laser head group and the corrector body are in interference fit, the battery box is fixed at the bottom of the left of the corrector body through bolts, the magnetic block consists of two magnets stuck and fixed at the side surface of the corrector body, and the sign block is stuck at the side surface of the corrector body, so that the corrector is applicable to both narrow grooves and wide grooves. When the corrector is used, the magnets are attracted at the groove of a belt pulley of a motor shaft, and due to the power switch and the sign block, different groove pitches of the narrow groove and the wide groove of the belt wheel and grooves of the belt wheel of the reduction gearbox are aligned. The corrector has the advantages of simple structure, convenient operation, and high work efficiency.

Classifications:
International (IPC 8-9): G01C15/00 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
CN203502019 U	20140326	CN201320555691U	20130903

Priority:

CN201320555691U 20130903

Probable Assignee: GUAN HUINING

Assignee(s): (std): GUAN HUINING

Assignee(s): EAC NING

Inventor(s): (std): GUAN HUINING

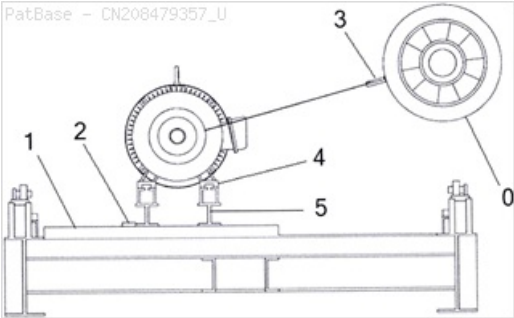
4) Family number: 73110455 (CN208479357U)

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Abstract: The utility model discloses an electromotor belt pulley correcting unit, it is big to solve motor pulley adjusting error, it is limited many, the difficult problem that the instrument is heavy, it comprises perpendicular correcting part of motor and the parallel correcting part of belt pulley, the perpendicular correcting part of motor is right angled triangle's set square for the cross -section,the set square sets up bight inboard between motor slide rail and base of oil pumping unit, its thickness that highly is greater than the motor slide rail, belt pulley collimation portion including the notch of the big belt pulley of embedding and with the V -arrangement groove seat of the inboard actuation of notch, V -arrangement groove seat sets up the magnetism hole with the notch actuation face of big belt pulley, the downthehole portion of magnetism sets up the magnetic path, the fixed sheath that sets up of the outer terminal surface of V -arrangement groove seat, the sheath is for partly cuing open hollow cylinder, be equipped with the buckle on its transverse face, laser emitter and switch pass through the buckle card and set up inside the sheath, the sheath end is equipped with the baffle.

Classifications:

International (IPC 8-9): H02K5/26 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
CN208479357 U	20190205	CN201820999383U	20180622

Priority:

CN201820999383U 20180622

Probable Assignee: LIU XUEDONG

Assignee(s): (std): LIU XUEDONG

Assignee(s): LEARN LIU DONG

Inventor(s): (std): FAN MEIRONG ; GUAN JING ; JIANG DAOJUN ; LIU XUEDONG ; LI CHUNTAO ; MA DEWEN ; WANG LIGUO ; ZHANG JINGJING ; SUN FULI ; WANG JIGUO

5) Family number: 52257547 (CN202511768U)

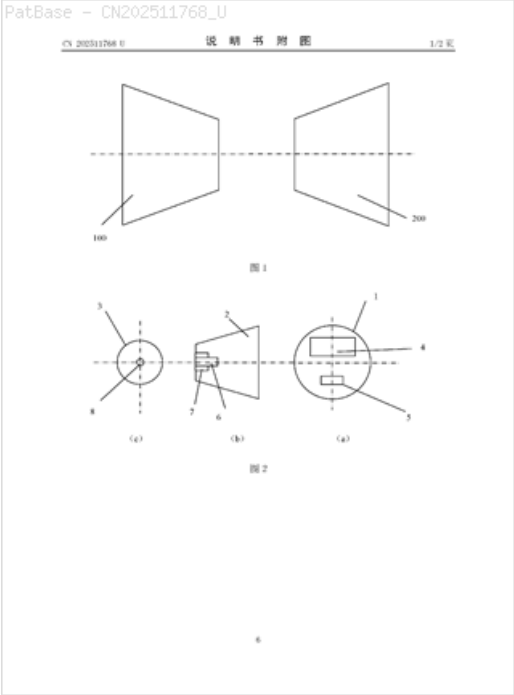
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Title: Scissors difference electronic measuring instrument

Abstract: The embodiment of the utility model provides a scissors difference electronic measuring instrument. The scissors difference electronic measuring instrument consists of two same measuring appliances, wherein each measuring appliance is in a circular truncated cone shape and is formed by buckling a top surface, a bottom surface and a side surface; and each measuring appliance comprises a shell inner power supply, a switch, a laser transmitter, a laser receiver and a display which are connected in series with one another. According to the two measuring appliances with the same appearance and structure, the distance and the direction of the crank stroke hole center scissors difference of an oil pumping unit are measured, and the problem that the distance of the scissors difference can be measured, but the direction of the scissors difference cannot be measured in the prior art is solved.

Classifications:

International (IPC 8-9): G01B11/03 G01B11/26 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
CN202511768 U	20121031	CN201220180518U	20120425

Priority:

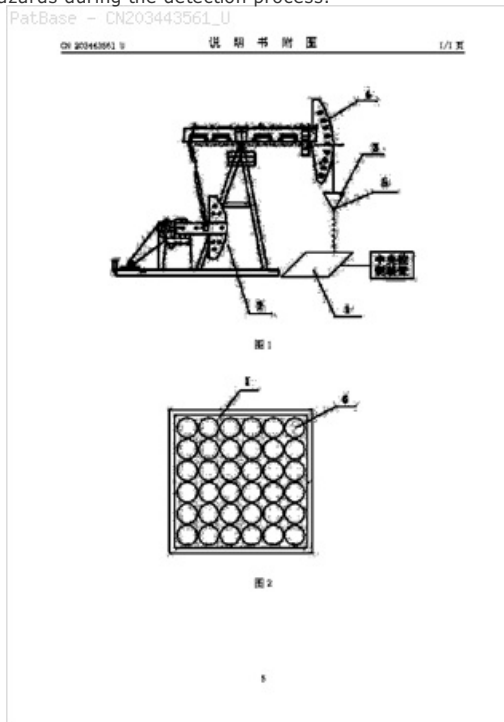
Probable Assignee: CHINA NAT PETROLEUM CORP
Assignee(s): (std): CHINA NAT PETROLEUM CORP ; PETROCHINA CO LTD
Assignee(s): CHINA NATIONAL PETROLEUM CORP
Inventor(s): (std): WEI SUN
Inventor(s): SUN WEI

6) Family number: 55874635 (CN203443561U)

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Title: OIL PUMPING UNIT HORSEHEAD SUSPENSION POINT PROJECTION DETECTION APPARATUS

Abstract: The utility model relates to the technical field of oil pumping unit detection equipment and discloses an oil pumping unit horsehead suspension point projection detection apparatus. The apparatus comprises a detection weight and a laser device which are hung on an oil pumping unit horsehead. The detection weight is a cone and the tip of the cone is provided with the laser device. A photoelectric detector formed by photodiodes is disposed on the ground exactly below the oil pumping unit horsehead. The output end of the photoelectric detector is connected with a central control device. The photoelectric detector converts received optical signals into electric signals and outputs the electric signals to the central control device. The central control device calculates the received electric signals to obtain the track of horsehead suspension point projection of a detected oil pumping unit through the central control device. The apparatus is simple in structure, accurate in detection result, and convenient to operate, and the apparatus prevents potential safety hazards during the detection process.

Classifications:**International (IPC 8-9):** E21B43/00 G01B21/00 (Advanced/Invention)**Family:**

Publication number	Publication date	Application number	Application date
■ CN203443561 U	20140219	CN201320498427U	20130815

Priority:

CN201320498427U 20130815

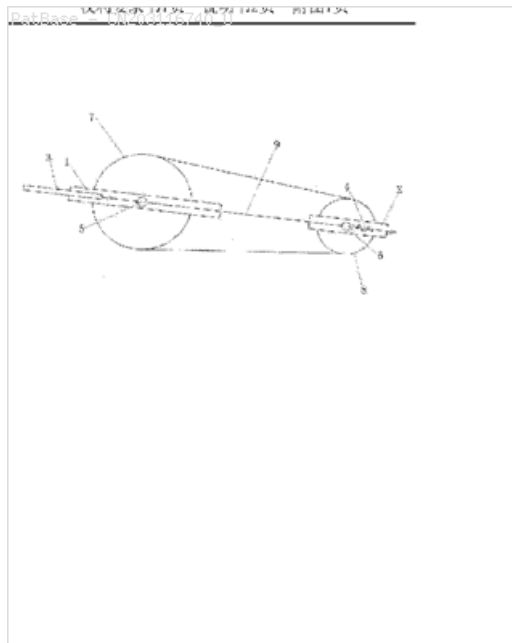
Probable Assignee: GANSU LANPEC TECHNOLOGIES CO**Assignee(s):** (std): GANSU LANPEC TECHNOLOGIES CO ; LANPEC TECHNOLOGIES LTD**Inventor(s):** (std): YI YUEHONG ; ZHANG YUFU ; ZHAO LIANG ; ZHOU WENXUE ; ZHU GUOXIN ; YANG JUANLI**7) Family number: 54547676** (CN203116740U)

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Title: LASER TYPE FOUR-POINT ONE-LINE CALIBRATOR

Abstract: The utility model discloses a laser type four-point one-line calibrator, which consists of first channel steel, second channel steel and a laser emitter, wherein the laser emitter is arranged in the first channel steel; a receiving board is fixedly arranged in the second channel steel; the first channel steel is attracted onto the outer side surface of a large belt pulley of an oil pumping unit reduction gearbox through a first magnet, and passes through the axle center of the large belt pulley; and the second channel steel is attracted onto the outer side surface of a electric motor wheel through a second magnet, and passes through the axle center of the electric motor wheel. The calibrator is high in measurement accuracy and convenient to regulate, and can be operated by one person, and personal risks are avoided.

Classifications:**International (IPC 8-9):** G01C15/00 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
 CN203116740 U	20130807	CN201320146115U	20130328

Priority:

CN201320146115U 20130328

Probable Assignee: AN WENXIA

Assignee(s): (std): AN WENXIA ; LI XIAOYING ; LI YING ; LIU WEI ; SONG CHUNLING ; SONG CHENGLI ; TAN YANJIE

Inventor(s): (std): AN WENXIA ; LI XIAOYING ; LI YING ; LIU WEI ; SONG CHENGLI ; SONG CHUNLING ; TAN YANJIE

8) Family number: 52842700 (CN102878936A)

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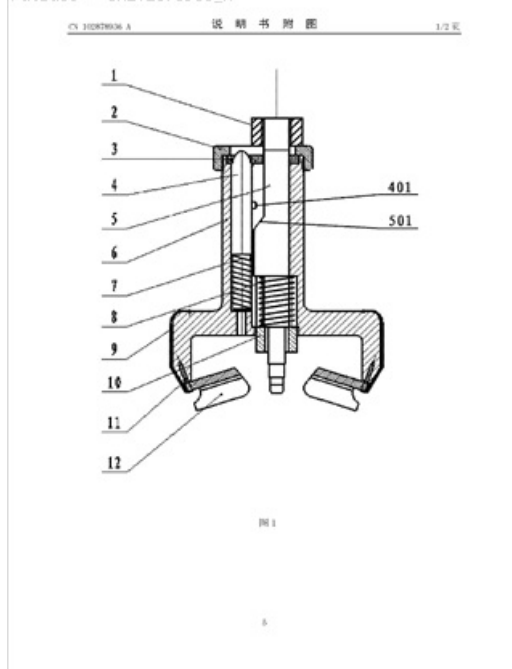
Title: CALIBRATOR FOR OIL PUMPING UNIT BELT MOUNTING

Abstract: A calibrator for oil pumping unit belt mounting comprises a nut, a large pressing cap, a pressing plate, a laser generator, a linked switch, a body, a compensating spring, a return spring, spring clamping pieces, an intermediate sleeve, sunk screws and rubber gauge plates. The upper portion of the body is cylindrical, a large cylindrical cavity and a small cylindrical cavity which are mutually communicated are arranged in the body, an inverted 'U'-shaped support is arranged on the lower portion of the body, the compensating spring and the laser generator are mounted in the small cavity, the intermediate sleeve is in threaded connection with the bottom of the large cavity, the return spring is mounted on the upper portion of the large cavity, the linked switch with a slope and with a 'V'-shaped groove arranged at the lower end is arranged at the center of the large cavity, the pressing plate sleeves the linked switch and presses the laser generator, the large pressing cap provided with a center hole is in threaded connection with the body, and the nut outside the large pressing plate locks the linked switch. Besides, the rubber gauge plates are fixed on the symmetrical spring clamping pieces on two sides of the support on the lower portion of the body respectively, and the spring clamping pieces are fixed at the bottom of the support by the sunk screws. The calibrator for oil pumping unit belt mounting is simple in structure, convenient to operate and cost-reducing and benefit-increasing, the service life of a belt is prolonged, and labor intensity of workers is relieved.

Classifications:

International (IPC 8-9): G01B11/02 G01B11/26 (Advanced/Invention)

PatBase - CN102878936_A



Family:

Publication number	Publication date	Application number	Application date
CN102878936 A	20130116	CN201210368605	20120928
CN102878936 B	20150128	CN201210368605	20120928

Priority:

CN201210368605 20120928

Probable Assignee: CHINA PETROLEUM AND CHEMICAL**Assignee(s):** (std): CHINA PETROLEUM AND CHEMICAL ; CHINA PETROLEUM AND CHEMICAL CORP ; GUDONG OIL PRODUCTION PLANT OF SHENGLI OIL FIELD B ; GUDONG OIL PRODUCTION PLANT OF SHENGLI OIL FIELD BRANCH CO OF SINOPEC ; GUDONG OIL PRODUCTION PLANT OF SHENGLI OIL FIELD BRANCH CO SINOPEC**Inventor(s):** (std): BI XINZHONG ; GAO JUOTNG ; HUANG CHUN ; LIU GUANGYOU ; WANG QIJING ; WEI ZHIGAO ; WENG GUANGHUA ; ZHENG WEILIN ; XUE WUBIN ; SI JICHUN ; SHI XIAOMAN ; LIU AIGUO ; LI DANDAN ; HAO SHUNYUAN ; HAO HONGFENG**9) Family number: 55026836 (CN203249604U)**

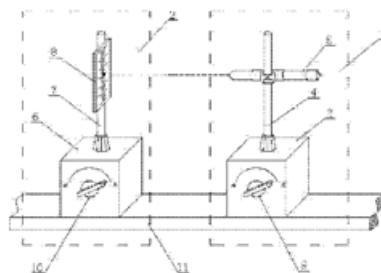
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Title: LASER DETECTOR FOR SCISSORS DIFFERENCE BETWEEN CRANKS OF OIL PUMPING UNIT

Abstract: The utility model relates to a detection apparatus and particularly relates to a laser detector for a scissors difference between cranks of an oil pumping unit. The laser detector is composed of a marking machine and a holding machine. The marking machine is composed of a rack marking rod erected on a first magnetic support and a laser marker vertically hinged to the rack marking rod. The holding machine is composed of a rack holding rod erected on a second magnetic support and a holding ruler longitudinally fixed on the rack holding rod. According to the laser detector, two components are firmly adsorbed at two ends of the cranks by using magnetic flux switches which controls magnetic flux, and the scissors difference between the cranks of the oil pumping unit is determined qualified or not based on a value indicated by the reading of the laser maker, and thus measurement efficiency and precision are raised further.

Classifications:**International (IPC 8-9):** G01B11/27 (Advanced/Invention)

PatBase - CN203249604_U

**Family:**

Publication number	Publication date	Application number	Application date
CN203249604 U	20131023	CN201320310433U	20130601

Priority:

CN201320310433U 20130601

Probable Assignee: LIU MINYONG**Assignee(s):** (std): LIU MINYONG**Inventor(s):** (std): SUN CHANGHAI ; LIN JIAN ; SUN JIFU ; ZHU HONGXIA ; LIU MINYONG