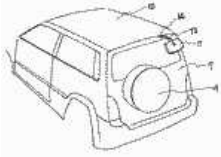
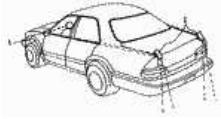
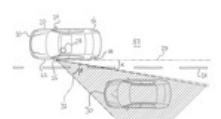
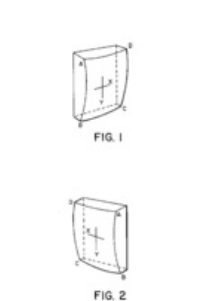
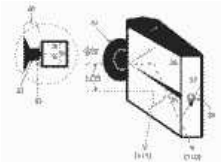
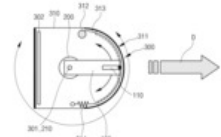
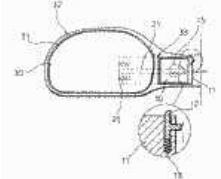
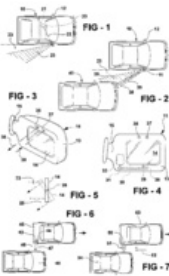
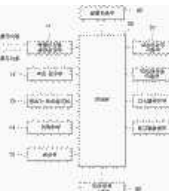
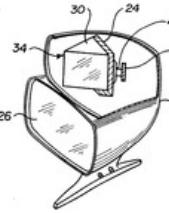
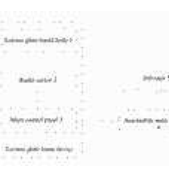
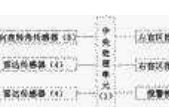
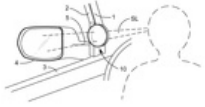
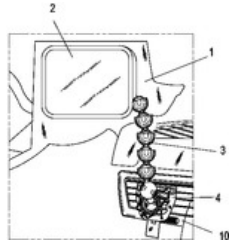
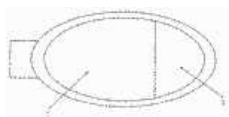
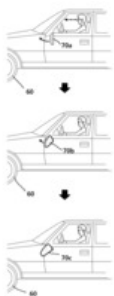
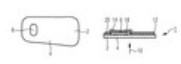
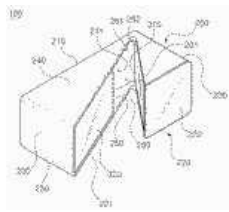
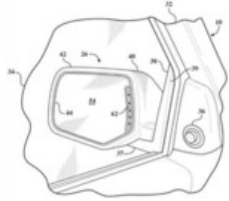
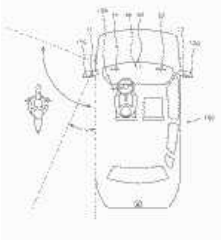
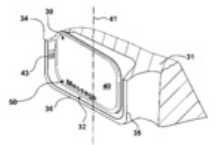
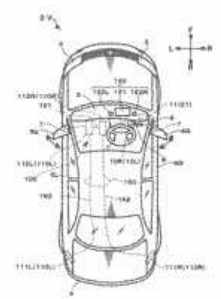
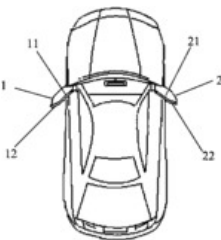
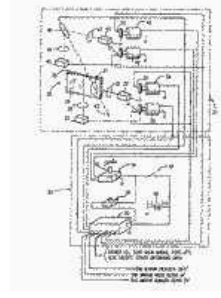
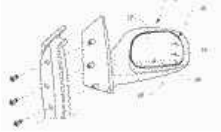
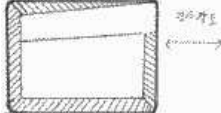


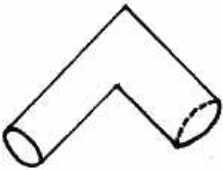
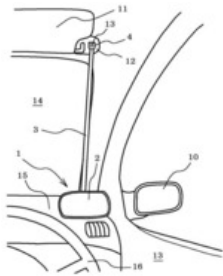
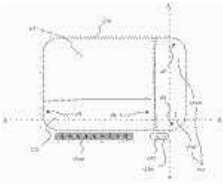
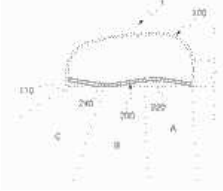
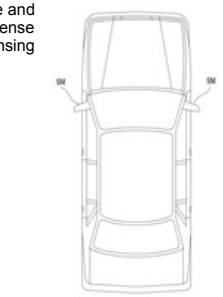
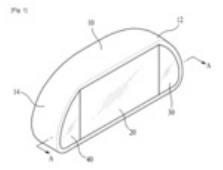
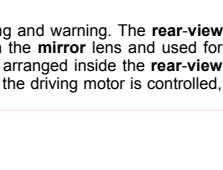
1325 results for (rear and view and mirror and blind and spot)/TI/AB/IW/CLMS - Collection: FAMPAT

#	 Title	Publication number	1st app. date	Applicant/Assignee		
1.	Spare tire cover with rear under view mirror	KR200161875	1997-10-31	KIM, KI HYUN;Lee Hwan Young	100 %	
The present invention relates to a tail end of the vehicle spare tire is attached to the vehicle only (SPAIR TIRE COVER) (9) the spare tire cover (4) coupled to the rear mirror and a rear mirror connection pipe (3) attached to the mirror (5) body (1) and the joint (2) is a mirror mounted in a pipe (3) coupling with a coupling bolt (6) hhlhlhlhl mirror as a big, conventionally rear mirror of a vehicle tail gate (7) mounted on the top rear mirror connector (13) adapted to be distributed by the vehicle during running or idling operation of the vibration and noise is generated due to its trembling and, which also shines on the MIRROR is in the range of the spare tire cover (SPAIR TIRE COVER) (9) occur though the blind spot is a drawback, this invention relates to a spare tire cover (4) coupled to the pipe (3) in the pipe protruding from the rear mirror equipped with a shaking problem (REAR UNDER VIEW MIRROR) without generating, generation of noise due to vibration not detached rear mirror for a vehicle at all (REAR UNDER VIEW MIRROR) arranged so as not to be cut is designed.						
2.	A rear side mirror of a car	KR970038217	1995-12-14	DAEWOO MOTOR*	94 %	
PURPOSE: A rear side mirror is provided to prevent an accident caused by a dead angle zone by equipping an angle adjusting device for two rear mirrors. CONSTITUTION: A rear mirror controller(8) senses the number of pulses and stores them to store an upper, lower, right and left angle of a rear mirror. In placing a rear mirror switch(61) is in the middle, a driver sends a signal that an optional controller sets the rear mirror at the upper, lower, right and left angle stored in the rear mirror controller. After that, the rear mirror controller sends a driving signal to an upper and lower motor(4) and a right and left motor(5) to move the rear mirror at the set angles. (C) KIPO 2003						
3.	Side rear view mirror assembly indicator of blind spot occupancy	EP2380776	2010-04-21	SMR PATENTS*	93 %	
A side rear view mirror assembly (24,26) is used in conjunction with a motor vehicle (10) equipped with a blind spot sensor (16,18) designed to detect objects in blind spots of the motor vehicle (10). The side rear view mirror assembly (24,26) includes a base (38) fixedly secured to the motor vehicle (10). A mirror case (40) is movably secured to the base (38). The mirror case (40) defines a housing (42) and a mirror opening (44) facing rearward. A backing light (64) is operatively connected to the mirror case facing rearward. The backing plate (46) is movable with respect to the mirror case. A mirror glass (54) is fixedly secured to the backing plate (46) and movable therewith in a manner allowing an operator of the motor vehicle to view rearward of the motor vehicle. The side rear view mirror assembly also includes a blind spot indicator (62) fixedly secured to the backing plate (46) and in communication with the blind spot sensor (16,18) to receive signals from the blind spot sensor (16,18) and to indicate to the operator of the motor vehicle when an object is in a blind spot of the motor vehicle. The blind spot indicator is directed at the operator when the operator moves the backing plate to adjust the mirror glass.						
4.	Outside rear-view mirror for vehicle	CN2188511	1994-03-21	LI; SHIQING;SHIQING LI	92 %	
The present invention discloses an outside rear-view mirror for vehicle, which has a convex surface formed by evenly connecting the plurality of differential cambers with varying average curvature. Said average curvatures of differential cambers are increasing from up-side of the mirror to under side thereof in vertical direction, and also increasing from adjacency to vehicle to far therefrom in horizontal direction. Further, the difference of main curvatures of said differential cambers only causes an acceptable distortion in image for drivers. As above structure, the present invention is provided with the features, such as wide field-view, blind spot free, clear image and unremarkable distortion. <IMAGE>						
5.	A sideview mirror reflecting any blind spot	KR20100057748	2008-11-22	HAN KEE TAE	92 %	
PURPOSE: A side view mirror of a vehicle with an optical clock is provided to control the direction of a side mirror by moving the side mirror along with a mirror of rear observing. CONSTITUTION: An optical view field side mirror of a vehicle comprises a side mirror module for a vehicle. The side mirror module comprises a side mirror, a side mirror housing(34), a mirror steering control unit, a connector(30) between a car body and a side mirror housing, a rear observing unit, a new blind spot observing unit, and a mirror selecting and four-direction control part. The new blind spot observing part observes a new blind spot(111) which appears when the side mirror module is folded. Three observing units are designed into one body. The mirror selecting and four-direction control part is installed in a driver's seat. The mirror selecting and four-direction control part automatically and controls three observing units at the same time.						
6.	Side view module for automotive front and rear blind spot check	KR101719803	2015-12-10	NATIONAL UNIVERSITY CHANGWON INDUSTRY ACAD COOP CORPS*	92 %	
The present invention relates to a side view module for front and rear blind spot checks for a vehicle. The side view module installed on a side mirror of a passenger seat side of a vehicle comprises: a camera for both day and night wherein one longitudinal end is fixed to a hinge inside the side mirror, the other longitudinal end is installed to face the front end of a side mirror; and a motor installed on one side of the side mirror to enable the camera to rotate around the hinge, wherein the motor rotates the side mirror around an axis horizontal to the ground, thereby providing the side view module for front and rear blind spot checks for a vehicle, capable of checking a front lower blind spot and a rear lower blind spot of the side of the passenger seat easily when parking and driving in a narrow space in day and night.						
7.	Side view mirror with attached dead angle site observation mirror in a car	KR19970038269	1995-12-28	DAEWOO MOTOR*	92 %	
PURPOSE: A side view mirror is provided to view a rear blind area zone by drawing out a blind area view mirror from a side view mirror with a simple operation. CONSTITUTION: When a driver releases a fixing device(12) of a blind area view mirror holder(11) hung on a protrusion(33) of a side view mirror housing(32) on traveling, the blind area view mirror holder is drawing out to the outside of the side view mirror housing while a guide bar(15) combined with a guide rail recessed groove(21) is sliding with elastic force of a spring(23) formed in one side of a blind area view mirror supporter. Then the guide bar is fixed in a hanging plate spring and the driver rotates an operating stick to the center for the vision filed of the blind area zone. (C) KIPO 2003						

8.	Vehicle blind spot mirror	WO200063726	1999-04-20	JACOBS RAYMOND A.;Jacobs Raymond A (I);RAYMOND A JACOBS	92 %
An angularly adjustable side view mirror (11) mounted upon a first vehicle (10) is normally positioned to display to a driver reflections of the area (23) at the side and rear of the vehicle. The mirror is temporarily angularly adjusted by a motor, out of its normal position into a temporary position which displays to the driver a following vehicle (40) that is momentarily located in the first vehicle's side blind spot area (25). The motor angularly turns the mirror a predetermined amount from its preset normal position to its pre-determined temporary position and then back to its normal position in response to signals from a detector. The detector activates the motor to move and hold the mirror in the temporary blind spot area viewing position while the vehicle is located therein.					
					
9.	Reflector obtaining visual field in a blind spot generated by a front pillar of a vehicle	KR20040106114	2003-06-11	HYUNDAI MOBIS*	91 %
PURPOSE: A reflector for obtaining the visual field of a blind spot around a vehicle is provided to prevent the accident by enlarging the range of the front visual field against the front pillar. CONSTITUTION: A reflector(10) is installed to the side of an outside rear view mirror(20) of a vehicle, and turned around a shaft. The visual field interfering with a front pillar(30) is obtained by the reflector. The reflector is mounted to the upper part of the outside rear view mirror, and longitudinally and vertically placed. The reflector is turned around the outside rear view mirror and combined with the outside rear view mirror by a revolution joint, a bolt and a nut, or riveting. The reflector is adjusted by a driver to show the range shielded by the front pillar. The accident is prevented by reducing the blind spot with the reflector.					
10.	Side mirror module for removing a blind spot of a vehicle	KR20160075202	2014-12-19	LEDSTUDIO*	91 %
The present invention relates to a side mirror module capable of removing a blind spot of a driving vehicle by automatically adjusting the angle of a side mirror or a mirror housing by interlocking with the operation of a turn signal and a transmission. The side mirror module including a turn signal state sensing unit sensing whether the left and right turn signals are operated or not; a side mirror driving unit securing a rear visual field by removing the blind spot by rotating the side mirror at a predetermined angle on the left and right sides by interlocking with the operation of the turn signal when the turn signal is operated; a mirror manipulation switch generating signals for rotating the side mirror vertically and horizontally in order to provide the rear visual field suitable to the height of a driver's view; a setting saving unit saving the position of the side mirror set suitable to a driver by the mirror manipulation switch; and a MICOM capable of controlling the side mirror driving unit to remove the blind spot of a lane where the vehicle desires to drive according to the sensing signals of the turn signal state sensing unit and allowing the side mirror to return to a position saved in the setting saving unit when the operation of the turn signal stops.					
					
11.	Non-distorting blind spot mirror	FR2723347	1994-08-05	UNG; LY W.	91 %
A non-distorting blind spot mirror unit which employs a triangular prism mirror (30) mounted adjacent a driver (D) of a vehicle to enable the driver to view the blind spot area without any distortion of vision. The triangular prism mirror unit has three plane surfaces (31, 32, 33), the rear surface (31) being blocked. By blocking the rear surface of the prism, the image entering one of the front surfaces (for example 32) will appear on the other front surface (for example 33). Therefore the triangular prism mirror, when properly mounted, provides a clear vision for the driver of a vehicle giving access to the blind spot area.					
					
12.	Interior side mirror for side blind spot of a car	US20140029123	2013-07-29	SHANGHAI INSTITUTE OF MICROSYSTEM AND INFORMATION TECHNOLOGY*	91 %
An interior side mirror for side blind spot of a car comprises a base fixed on the dash board or side door of the car, a side mirror, a flexible bar for connecting the base with the side mirror. The base and flexible bar locate the mirror at a best place before a driver, let the driver can view the side blind spot without turning head. The base can be anchor base or sand bag base or cardboard base or silicone sticky pad base. The flexible bar can be a ball-socket joint flexible bar or a flexible metal conduit bar. The mirror can be adjusted to a best place to reflect the blind spot.					
					
13.	Blind spot monitoring method, license plate frame device and rear view mirror for use in blind spot monitoring	US20180222387	2017-08-11	SHENZHEN XIAOFEIDA ELECTRONIC*	91 %
A blind spot monitoring method; a radar sensor (2) being installed at an inner part of a license plate frame body (1) or rear view mirror of a vehicle to assist in monitoring information at a blind spot of the rear view mirror of the vehicle, the radar sensor (2) detecting in real time whether a moving object is present in the blind spot; when a moving object is detected, automatically determining the distance between the moving object and the vehicle as well as the driving speed of the vehicle, and when the distance is shorter than a warning distance or the speed is greater than a warning speed, then sending an abnormality signal to a primary controller (4) of the vehicle by means of a primary control module (3), the primary controller (4) of the vehicle controlling an indicator (5) to issue an alarm so as to alert a driver to pay attention to driving safety. Also disclosed are a license plate frame device and a rear view mirror for use in blind spot monitoring, which use said method. The entire monitoring process is fast and simple, preventing collision accidents when a vehicle changes lanes or makes a turn, and making driving more safe; in addition, the entire blind spot monitoring device is provided at the inner part of the license plate frame or the rear view mirror without affecting the aesthetics of the vehicle, while being easy to install and use.					
					
14.	Left-or-right choosing type rear view mirror for facilitating to ensure visual field of rearward	KR20050102508	2004-04-22	HYUNDAI MOTOR*	91 %
PURPOSE: A left-or-right choosing type square rear view mirror for easily ensuring a visual field of the rearward is provided to make the square rear view mirror situated to a desired position and to enable a driver to ensure a visual field of the rearward. CONSTITUTION: A left-or-right choosing type square rear view mirror(3) for easily ensuring a visual field of the rearward is mounted to the inside of a rear spoiler. The left-or-right choosing type square rear view mirror for easily ensuring a visual field of the rearward comprises the square rear view mirror having a mirror part(31) where a mirror is mounted and fastening parts(33L,33R) combined with the sides of the mirror part by hinges; rotating arms; and a motor providing power for rotating the rotating arms. One-ends of the rotating arms are detachably combined with the fastening parts of the square rear view mirror and the other ends are rotatably mounted to the sides of the rear spoiler.					
					
15.	Monitoring system for automobile rear-view mirror blind spot	CN202863238	2012-10-19	HANGZHOU BRANCH OF ZHEJIANG GEELY AUTOMOBILE RESEARCH INSTITUTE* ZHEJIANG GEELY AUTOMOBILE RESEARCH INSTITUTE* ZHEJIANG GEELY HOLDING*	91 %
The utility model discloses a monitoring system for an automobile rear-view mirror blind spot consisting of a central processing unit, a left blind spot indicator, a right blind spot indicator and radar sensors installed on the left and right rear-view mirrors of the automobile, wherein the central processing unit is connected to the left blind spot indicator, the right blind spot indicator and the radar sensor respectively, the left blind spot indicator and the right blind spot indicator are arranged on an automobile dashboard. According to the monitoring system for an automobile rear-view mirror blind spot, a driver can monitor whether a vehicle exists in the automobile rear-view mirror blind spot, keep alert through the blind spot indicators, and avoid collisions and accidents when an automobile change lanes or turn corners.					
					

16.	Mirror assembly for reducing blind spot associated with side view mirrors for vehicles	US20120170145	2011-12-22	KIM JAEHYONG	90 %
A mirror assembly for reducing a blind spot associated with an exterior mounted side view mirror of a vehicle is provided. The mirror assembly includes a mount assembly configured for being received about an interior intersection of the A-pillar and the door panel of the vehicle. The mirror assembly also has a mirror carried by the mount assembly and positioned within a sightline defined when the operator is viewing the exterior mounted side view mirror.					
					
17.	Automobile built-in side-view blind spot mirror	CN203739759	2013-08-28	LU LEQUN;QIAN BENYU;QIAN ZIDE	90 %
The utility model relates to an automobile built-in side-view blind spot mirror which comprises a base, a side-view mirror and a flexible rod, wherein the base is fixed to an instrument box or a side door of an automobile; the flexible rod is used for connecting the base with the side-view mirror; the base is mounted on the instrument box or the door of the automobile; the side-view mirror is positioned at one best point so that a driver can see a blind spot through the side-view mirror; the base can adopt an anchoring base, a sand bag base, a paper board base or a silica gel sticky mat base; the flexible rod can adopt a spherical joint rod or a metal hose rod. As the base can be fixed to the instrument box or the door of the automobile, and the side-view mirror can be adjusted to a best position, the driver can see the blind spot without looking back.					
					
18.	Rear mirror for reducing blind spot	KR20010000948	2000-10-30	HONG SOON SAM	90 %
PURPOSE: A rear mirror for reducing the blind spot is provided to reduce the blind spot of a vehicle and to contribute to environment protection. CONSTITUTION: A rear mirror for reducing the blind spot of a vehicle is composed of a main rear mirror portion(1) and a rear mirror portion for the blind spot(2). Thus, the new rear mirror for reducing the blind spot is attached on the general rear mirror. By folding about 20 angular degrees the end of the rear mirror, a complete rear view field is secured even when a driver is seated in a driver's seat and the rear blind spot is reduced.					
					
19.	Eliminating device the blind spot of the driver's side rear-view mirror	KR20180049952	2016-11-04	SONG HAE SUNG	90 %
The present invention provides a device for eliminating a blind spot of driver's side rear-view mirror. The device includes: a driver's side rear-view mirror installed at the driver's side to observe a rear side; a rotation angle sensing unit for sensing an angle of a left turn of a tire while the vehicle is running; a vehicle speed calculation unit for calculating a speed of the vehicle; when the angle of the left turn of the tire of the vehicle is in the range of 10 degrees to 20 degrees and the vehicle speed is 40 kilometers or less in accordance with the results of the rotation angle sensing unit and the vehicle speed calculation unit, a rear-view mirror control unit that transmits a signal for instructing the rear-view mirror to move forward, or a signal of instructing the rear-view mirror to return to the original position when the angle of left turn of the tire is 10 degrees or less or the vehicle speed is 40 kilometers or more; and a rear-view mirror driving unit that drives the driver's side rear-view mirror such that the driver's side rear-view mirror of the driver moves forward by more than 80 degrees and is viewed as the minimum area in the line of sight of the driver in accordance with the signal of instructing the rear-view mirror to move forward or such that the driver's side rear-view mirror of the driver moves to the original position in accordance with the signal of instructing the rear-view mirror to return to the original position of the rear-view mirror control unit.					
					
20.	Rear view mirror for a motor vehicle and method for the production of a rear view mirror	US20100149670	2008-12-16	FLABEG* FLABEG DEUTSCHLAND*	90 %
A rear view mirror (1) for a motor vehicle comprising a metal-coated substrate (2) which forms a main mirror surface (4) and is provided in a subarea with an additional blind spot mirror (6) is to provide a particularly high reproduction quality of the reflected image, while production costs are kept down. For this purpose, according to the invention, the additional blind spot mirror (6) is bonded onto the side of the substrate (2) remote from the direction of light incidence on the substrate (2) by a transparent, light-resistant adhesive.					
					
21.	Blind spot mirror for vehicle	KR20160050770	2014-10-31	KIM DO LAK	90 %
The present invention relates to a blind spot reflector for a vehicle where a driver can check a front blind spot of a vehicle. The blind spot reflector for a vehicle comprises: a body coupled to a lower end of a side mirror and having a front side opening, a rear side opening, and an inner space unit; a first mirror installed on one side of the space unit and tilted with respect to the front side opening; and a second mirror installed on the other side of the space unit and tilted with respect to the rear side opening to face the first mirror.					
					
22.	Side rear view mirror assembly indicator of blind spot occupancy	CN105150943	2011-04-20	SMR PATENTS*	90 %
A side rear view mirror assembly is used in conjunction with a motor vehicle equipped with a blind spot sensor designed to detect objects in blind spots of the motor vehicle. The side rear view mirror assembly includes a base fixedly secured to the motor vehicle. A mirror case is movably secured to the base. The mirror case defines a housing and a mirror opening facing rearward. A backing light is operatively connected to the mirror case facing rearward. The backing plate is movable with respect to the mirror case. A mirror glass is fixedly secured to the backing plate and movable therewith in a manner allowing an operator of the motor vehicle to view rearward of the motor vehicle. The side rear view mirror assembly also includes a blind spot indicator fixedly secured to the backing plate and in communication with the blind spot sensor to receive signals from the blind spot sensor and to indicate to the operator of the motor vehicle when an object is in a blind spot of the motor vehicle. The blind spot indicator is directed at the operator when the operator moves the backing plate to adjust the mirror glass.					
					
23.	Integrated, non-blind zone automobile rear-view mirror welding method	CN101549949	2009-05-08	FOCTEK PHOTONICS*	90 %
The present invention discloses an integrated, non-blind zone automobile rear-view mirror welding method, characterized by: stacking together the primary visual area mirror and the vision blind zone mirror along the adjoining plane, heating the primary visual area mirror and the vision blind zone mirror, and applying appropriate pressure; welding and integrating the adjoining plane when the temperature reaches the welding state. The direct thermal welding is heating and pressurization without adding any medium to weld the adjoining plane to integrate the two parts. The indirect heat welding is adding beading medium at the adjoining plane, heating to the welding temperature of the medium, and integrating the primary visual area mirror and the vision blind zone mirror by the medium. The invention has beneficial effects of realizing the scale production of integrated non blind zone automobile rear-view mirror products, commendably welding together the primary visual area mirror and the vision blind zone mirror with two identical glass materials or different glass materials, to form integrated products. In this way, two components of the primary visual area mirror and the vision blind zone mirror can be processed separately, thereby reducing the processing difficulty.					
					

24.	Blind spot monitoring device	KR20140099079	2013-02-01	UNIVERSITY CHOSUN IACF*	90 %
The present invention relates to a blind spot monitoring device which comprises a first camera mounted at a left side-view mirror formed in a vehicle to take a picture of a left rear side of the vehicle; a first display unit which displays the image taken by the first camera; a second camera mounted at a right side-view mirror formed in the vehicle to take a picture of a right rear side of the vehicle; a second display unit which displays the image taken by the second camera; a relay mounted at a direction indicator light operating unit for selectively flickering a first direction indicator light formed at a left side of the vehicle or a second direction indicator light formed at a right side, and applying or blocking the power to the first camera or the second camera respectively according to the motion state of the direction indicator light operating unit; and a control unit which controls flickering of the first direction indicator light or the second direction indicator light according to the motion state of the direction indicator light operating unit. According to the invention, the blind spot monitoring device drives the camera to be connected with the direction indicator light operating unit or an emergency light switch when the blind spot monitoring such as changing the lane or reversing is required, the direction indicator light formed in the vehicle is operated, or the emergency light is operated, thereby preventing the power consumption of the camera and the monitor.					
					
25.	Vehicle side view mirror blind spot adjustment method	US20020186480	2001-06-08	JACOBS RAYMOND A.	90 %
An angularly adjustable, vehicle side view mirror having a reflective mirror member (33) mounted within a frame that is attached to the driver or passenger side of an automotive-type vehicle. The frame has an outer edge member (34) having a series of horizontally spaced apart markings (43) that are visible to the driver (49) within the vehicle. The mirror has an outer edge that is closely adjacent to the frame outer edge member and can be pivoted into visual alignment with anyone of the frame member markings. The alignment of the mirror edge with a pre-selected frame member marking positions the mirror for reflecting either a blind spot side area or an area closer to the vehicle side. The marks also guide the driver in setting the mirror to pre-selected angles whenever the particular pre-set angle has been changed.					
					
26.	Blind-spot detection system for vehicle	EP1736360	2005-06-23	MAZDA MOTOR*	89 %
Disclosed is a BSD system for vehicle provided with a blind spot detection module which includes obstacle in blind spot detection means for detecting an obstacle existing in a blind spot around the rear side of a self vehicle and an obstacle indicator disposed on a side mirror of the self vehicle and adapted to display at least one of information for the existence of an obstacle in the blind spot, for a distance between the obstacle and the self vehicle, and for a relative speed of the obstacle to the self vehicle, the blind-spot detection system for vehicle. This system is provided with means for detecting that the blind spot detection module is in an abnormal operation state and means disposed on the side mirror having the obstacle indicator and adapted to visually indicate an abnormality of the blind spot detection module detected by the abnormality detection means.					
					
27.	Automobile rear-view mirror without blind areas	CN103935298	2014-04-02	EAST CHINA JIAOTONG UNIVERSITY*	89 %
The invention discloses an automobile rear-view mirror without blind areas. The automobile rear-view mirror is composed of a left rear-view mirror body and a right rear-view mirror body. A left large mirror piece and a left single-curvature small mirror piece are installed on the outer edge of a left rear-view mirror cavity, a right large mirror piece and a right single-curvature small mirror piece are installed on the outer edge of a right rear-view mirror cavity, a control circuit is installed in a cab, a single-chip microcomputer controls servo motors to work by processing signals input by rear-view mirror inward/outward adjusting control buttons, following adjustment of the single-curvature small mirror pieces is achieved, and the small mirror pieces are controlled to align to traditional rear-view mirror blind areas. Ultrasonic waves are used for detecting whether other objects exist in a blind area range or not in real time in the processes of merging, overtaking and backing of an automobile, meanwhile, collected signals are sent to the single-chip microcomputer so as to calculate the accurate distance, and the accurate distance is broadcasted through a voice prompting circuit. The automobile rear-view mirror without the blind areas has the advantages that the blind areas of the automobile rear-view mirror can be eliminated, images in the mirrors can be seen clearly, the small mirror pieces can be adjusted automatically along with rotation of an automobile body, the visual area is large, the images are clear, and the situation that visual fatigue occurs in a driver can be effectively avoided.					
					
28.	Opto-electronic aid for alignment of exterior vehicle mirrors to minimize blind spot effects	WO9622197	1995-01-18	FREDRICKS RONALD J.;FREDRICKS; RONALD J.	89 %
An opto-electronic alignment method and apparatus capable of being incorporated into driver and passenger side vehicle exterior sideview mirrors to assist the driver in adjusting the mirrors to minimize the presence of blind spots on the sides of the vehicle. The apparatus having a led (40) fixed in a mirror housing (22) and aimed at the particular vehicle blind spot (30) but is reflected at an angle through a selectively light transmissive mirror region (21) toward the vehicle interior. The sideview mirror alignment is accomplished by the driver using conventional mirror adjustment control assembly (50). When the driver sees the beam of light, the sideview mirror is oriented correctly to reflect objects in the blind spot to the driver's eyes. Positional coordinates of the mirror adjustment may be used to derive the driver's eye position and/or to adjust the passenger's sideview mirror.					
					
29.	Side mirror of vehicle removing blind spot	KR20050076398	2004-01-20	LEE WANG SIK	89 %
PURPOSE: A side mirror of vehicle removing blind spot is provided to secure safety driving by assuring rear view to driver by being installed on upper outside of the front door of vehicle. CONSTITUTION: A side mirror of vehicle removing blind spot comprises a protrusion formed with a shape that outside one portion(24) of reflecting mirror is inclined forward; a recess formed with a shape that lower one portion(26) is inclined rearward. The inclination angle between the outside one portion and the lower one portion is about 15 Deg. Thereby, the side mirror of vehicle secures safety driving by assuring rear view to driver by being installed on upper outside of the front door of vehicle. © KIPO 2006					
					
30.	Blind spot & measurement of the range viewer mirror	KR20110081427	2010-01-08	GIM HYO YEOL	89 %
PURPOSE: A rearview mirror capable of blind spot recognition and distance measurement blind spot is provided to easily check objects in a blind spot by straightly bonding a rearview mirror for a blind spot on a flat rearview mirror. CONSTITUTION: A rearview mirror for a blind spot is attached to an existing rearview mirror. The existing rearview mirror displays an area within a range of approximately 15° but the rearview mirror for a blind spot displays within a range of more than 45°. Because scales are marked on the lower part of the rearview mirror for a blind spot, a driver can change lanes while checking the position of a vehicle in a blind spot.					
					

31.	Blind spot visible glasses	KR200297628	2002-06-24	LEE, EUN KYUNG	89 %	
Changing the traveling direction of a vehicle or a sudden accident in order to park the vehicle in order to prevent reverse movement of the vehicle rear window or a visible dead zone attached to the side rearview mirror of the driver by looking at the rear of the vehicle can be operated while viewing the blind spot as such that, The blind spot on the rear of the vehicle relative to a concave lens or a transparent concave portion with a through it can be viewed by the driver on the vehicle side window or the rear of the vehicle so as to be focused on a planar or convex mirror is reflected through the reflector on in turn changes the traveling direction of the concave lens and the convex lens by a combination of a vehicle rear window or on the vehicle side view mirror image formed by the driver through the ball ursodiol. Thus, a vehicle rear window blind spot diameter on the visible side of the car to be provided on the rear of a vehicle by providing a blind spot for a vehicle rear window or on the side of the car to the driver is focused on the rearview mirror can be seen through the apparatus according to the invention.						
32.	Side rear blind spot confirmation mirror	JP2010274677	2009-05-26	Yozo Omiya	89 %	
PROBLEM TO BE SOLVED: To provide a blind spot confirmation mirror capable of easily and certainly confirming blind spots in side oblique rearward directions, capable of being manufactured at the relatively low cost without necessity of converting or replacing an existing mirror, and capable of easily adjusting an angle of the mirror inside a vehicle. SOLUTION: The side rear blind spot confirmation mirror can certainly confirm oblique rear parts being blind spots further outer than right and left rear parts near vehicle sides that can be confirmed by a rear confirmation mirror for an automobile. The mirror is installed inside the vehicle, in which a supporting rod is fixed by hanging from a mounting part of a sun visor for the automobile. The mirror adjusted at an angle for being able to confirm side rear blind spots is mounted on its tip end. COPYRIGHT: (C)2011,JPO&INPIT						
33.	Revised rear mirror	KR100791506	2006-10-16	HER YEE WOK	89 %	
A rear view mirror is provided to promote safety operation of a vehicle by permitting a driver to view blind areas in a rear portion of the vehicle and a side portion of the vehicle. A rear view mirror includes a rear view mirror(21) for showing a rear portion of a vehicle, a side view mirror(22) for showing the side blind area of the vehicle, and a rear vertical view mirror(23) for showing the vertical blind area of the vehicle. The rear view mirror, the side view mirror and the rear vertical view mirror are integrated into a single unit. The side view mirror is integrated to a lower outer edge or an upper outer edge of the rear view mirror. The rear vertical view mirror includes a rear upper view mirror(23a) and a rear lower view mirror(23b) formed integrally to one side of the rear view mirror. The side view mirror and the rear vertical view mirror are convex mirrors.						
34.	Rearview mirror to see the blind spot	KR20130096585	2012-02-22	TAE YOUNG PS*	89 %	
PURPOSE: A rearview mirror for ensuring the blind spot is provided to allow a driver to confirm the entire blind spot without dividing a rear image reflected on a reflection mirror into various sections. CONSTITUTION: A rearview mirror (1) for ensuring the blind spot includes a housing that is provided on both sides of vehicle, and has an opening portion (110) at the rear portion; and a reflection mirror (200) that reflects the rear view image by positioned in the opening portion so that the driver confirms the rear side. The reflection mirror is formed in a wavelength shape in which the concaved and convex surfaces are continued.						
35.	Blind spot detecting module	KR20180051805	2016-11-09	LG INNOTEK*	89 %	
An embodiment of a blind spot detecting module includes: a light source for emitting light to a subject; and a light receiving unit to which the light emitted from the light source and reflected by the subject is incident. The light source outputs the light to have an asymmetrical light amount distribution and is mounted on a side view mirror of a vehicle to sense the situation of the blind spot of the rear lateral side of the vehicle. Accordingly, the present invention can simplify a vehicle component by reducing the number of sensing modules.						
36.	Rear view mirror for a vehicle	KR100969307	2010-03-24	KIM CHOON CHOO	89 %	
The present invention relates to a rear view mirror for a vehicle, and particularly, to a rear view mirror which is capable of viewing blind spots. The rear view mirror includes: a main housing; a first extension housing extending from the main housing along a curved surface of one side of the main housing; a second extension housing extending from the main housing along a curved surface of the other side of the main housing; a main mirror mounted inside the main housing; a reflection mirror mounted on one side of the main housing so that the reflection mirror is disposed at a predetermined angle with respect to the main mirror inside the first extension housing; and a blind spot viewing mirror mounted on the other side of the main housing so that the blind spot viewing mirror is disposed at a predetermined angle with respect to the main mirror inside the second extension housing.						
37.	Rear-view mirror with blind spot eliminating and vehicle induction alarming function	CN201095337	2007-09-07	ZHANG JIARONG	89 %	
The utility model relates to an improved structure of an electric rear-view mirror, in particular to a rear-view mirror with functions of blind spot removal and vehicle sensing and warning. The rear-view mirror comprises a rear-view mirror main body which is provided with a mirror lens inside; a driving motor arranged in the rear-view mirror main body, connected with the mirror lens and used for controlling the angle of the mirror lens; a sensor arranged in the rear-view mirror main body and used for detecting the peripheral adjacent objects; a controlling chip set arranged inside the rear-view mirror main body and respectively connected with the sensor and the driving motor. Signals are sensed by the sensor, the signals are transmitted to the controlling chip set, the driving motor is controlled, the mirror can achieve an angle which is most suitable for the driver; therefore the driving security of the driver can be more enhanced.						