ОСОБЕННОСТИ ПРОВЕДЕНИЯ ПАТЕНТНОГО ПОИСКА В БАЗЕ ДАННЫХ QUESTEL

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ПАТЕНТНЫЙ ПОВЕРЕННЫЙ, К. Т. Н.

Санкт-Петербургская коллегия патентных поверенных

Современное состояние фирмы QUESTEL-ORBIT

Orbit Intelligence : Расширенный поиск и анализ патентов, промышленных образцов, полезных моделей и судебных процессов

1.1 **Orbit Express :** Быстрый поиск ИС и сотрудничество между сотрудниками

1.2 **Orbit Intellixir :** Анализ из любого научного источника

1.3 **Orbit Biosequence :** Поиск и анализ по последовательностям ДНК, РНК и аминокислот

1.4 **Orbit Chemistry :** Поиск и анализ молекул

2. **Orbit IAM :** Управление портфелями активов всех ИС

2.1 **Orbit Invention :** Помогает сотрудничестве между НИОКР и ИС от изобретения до заявки

2.2 **Orbit Asset :** Разработка финансовых прогнозов

3. **Orbit Trademark :** Поиск, анализ и наблюдение товарных знаков
4. **Orbit Innovation :** Платформа ориентированная на НИОКР и Маркетинг для изучения разных технологических трендов
5. **Orbit Idea :** Совместное создание идей
6. **Orbit Partnering :** Управление отношений между крупными и мелкими компаниями (стартапами) при сотрудничестве
7. **Orbit Seed :** Формулирование ИС для быстро развивающих проектов

Особенности QUSTEL - ORBIT

- Полно представлены патентные документы
  (Есть и исключения Израиль)
- Большие возможности поиска
- Большие массивы документов для обработки
- Удобная визуализация результатов
- Возможность статистической обработки и возвращения к документам
- Возможность формирования отчета и вывода массивов документов
- Удобство в работе

Что такое FamPat

Поиск патентных семей

- FamPat

Уровень техники и тенденции развития
Патентоспособность

Поиск отдельных патентов

- Отдельные документы

Патентная чистота

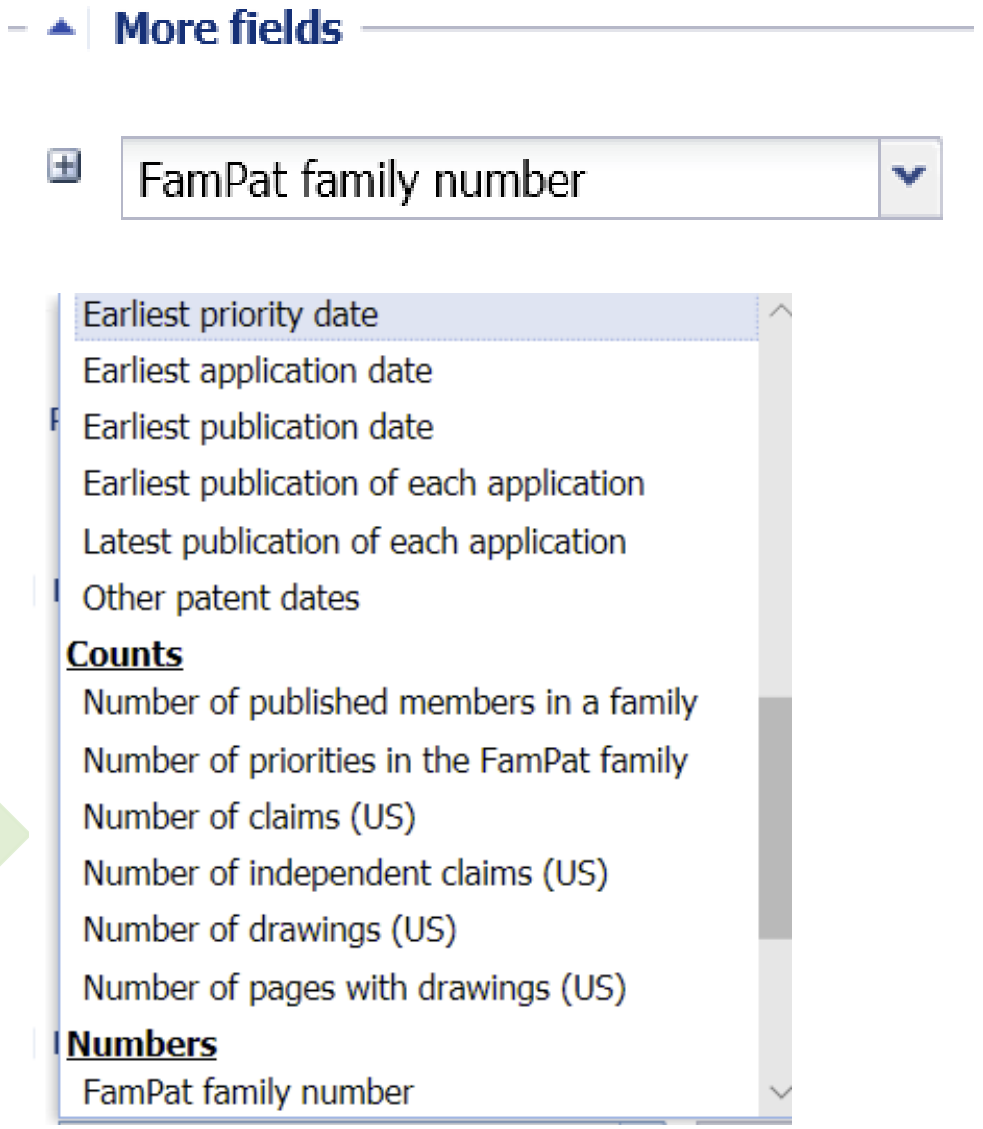
Что такое FamPat

Поиск патентных семей

- FamPat

Поиск отдельных патентов

- Отдельные документы



ВИЗУАЛИЗАЦИЯ РЕЗУЛЬТАТОВ

1305 results for (rangefinder)/TI/AB/CLMS AND ("transport")/TECT - Collection: FAMPAT

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#	Title	Publication number	1st app. date	Applicant/Assignee	
1	Collision avoidance system	EP0473866	1990-08-22	KOLLMORGEN	100 %

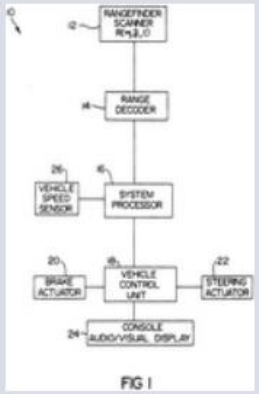


FIG 1

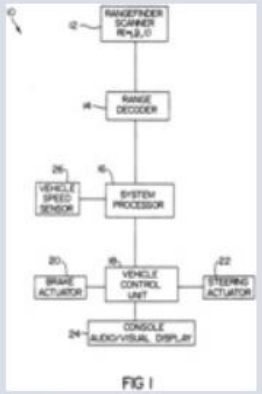


FIG 1

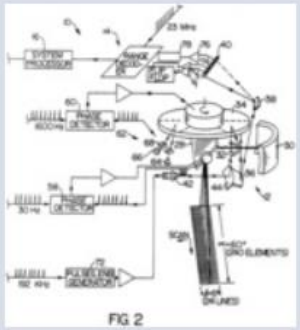


FIG 2

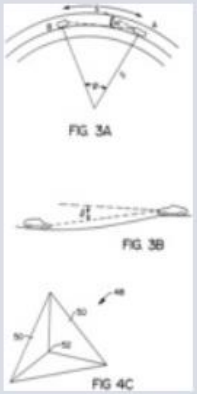
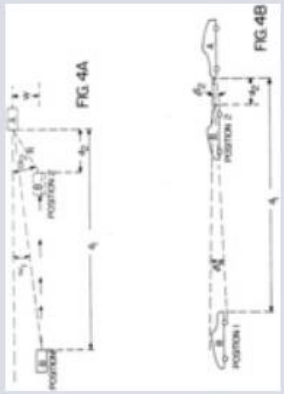


FIG 3A
FIG 3B
FIG 4C



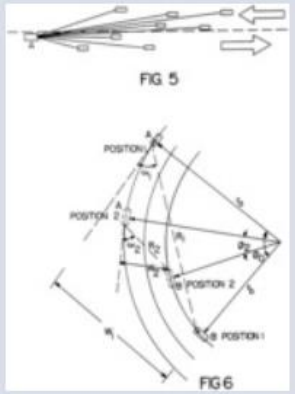
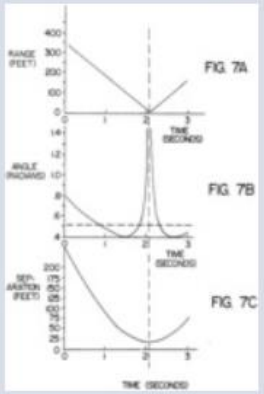
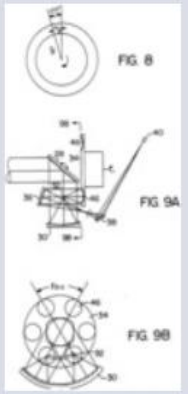
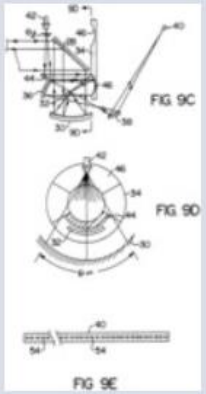
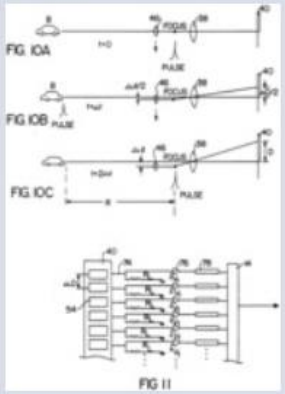


FIG 5
FIG 6









2	Object and vehicle detection and tracking using 3-d laser rangefinder	US20110282581	2010-05-12	GM GLOBAL TECHNOLOGY OPERATIONS	100 %

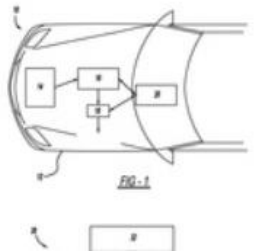
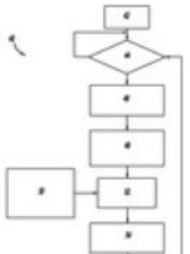


FIG-1



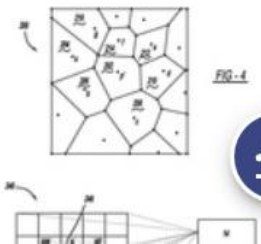


FIG-4

1	Collision avoidance system	EP0473866	1990-08-22	KOLLMORGEN	100 %

A collision avoidance system is claimed which is particularly suited for automotive applications including an electro-optical **rangefinder** scanner, a processing unit and retroreflectors on target vehicles. The **rangefinder** scanner supplies data on the range and angle of target vehicles to the processor, which monitors each target vehicle' s position, speed and acceleration and constantly determines and updates target range, angle, velocity, acceleration and predicted separation distances. A warning signal or evasive maneuver instructions are issued of the predicted separation at the time of intercept is below a minimum acceptable value.

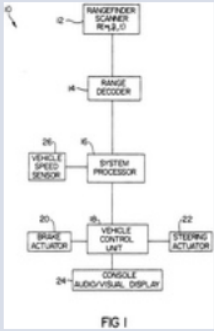


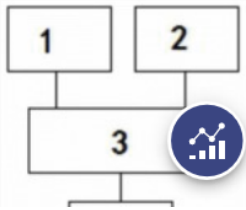
FIG 1

2	Object and vehicle detection and tracking using 3-d laser rangefinder	US20110282581	2010-05-12	GM GLOBAL TECHNOLOGY OPERATIONS	100 %

A method and system for detecting and tracking objects near a vehicle using a three dimensional laser **rangefinder**. The method receives points from the laser **rangefinder**, where the points represent locations in space where the **rangefinder** senses that some object exists. An algorithm first estimates the location of a ground plane, based on a previous ground plane location, data from onboard sensors, and an eigenvector calculation applied to the point data. Next, a plan view occupancy map and elevation map are computed for stationary objects, based on point data in relation to the ground plane. Finally, dynamic objects are detected and tracked, sensing objects which are moving, such as other vehicles, pedestrians, and animals. The output of the method is a set of stationary and dynamic objects, including their shape, range, and velocity. This output can be used by downstream applications, such as collision avoidance or semi-autonomous driving systems.

3	Laser rangefinder car collides sensing system in advance	CN205440255	2016-01-07	SHANGHAI JEVEH AUTOMOTIVE TECHNOLOGY	99 %

The utility model relates to a detection device. Laser **rangefinder** car collides sensing system in advance, including an at least laser **rangefinder** sensor, the laser **rangefinder** sensor includes a casing, is equipped with two through -holes on the casing, is first through -hole and second through -hole respectively, the laser **rangefinder** sensor still includes a laser emission device and a laser receiving device, the laser emission device is fixed in first through -hole, and laser receiving device fixes at the second through -hole, and the luminous direction of laser emission device is unanimous with laser receiving device's monitoring direction, laser emission device and laser receiving device and a micro -processor system are connected, and micro -processor system connects a electronic display screen, and electronic display screen fixes the inside at an automobile. The utility model discloses a lasing of laser emission device can be with laser emission when the barrier is run into to laser, and rethread laser receiving device receives laser, determines the distance

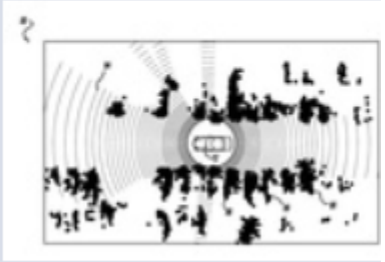


Использование фильтров

Цитирование

2	Object and vehicle detection and tracking using 3-d laser **rangefinder**	US20110282581	2010-05-12	GM GLOBAL TECHNOLOGY OPERATIONS	99 %

A method and system for detecting and tracking objects near a vehicle using a three dimensional laser **rangefinder**. The method receives points from the laser **rangefinder**, where the points represent locations in space where the **rangefinder** senses that some object exists. An algorithm first estimates the location of a ground plane, based on a previous ground plane location, data from onboard sensors, and an eigenvector calculation applied to the point data. Next, a plan view occupancy map and elevation map are computed for stationary objects, based on point data in relation to the ground plane. Finally, dynamic objects are detected and tracked, sensing objects which are moving, such as other vehicles, pedestrians, and animals. The output of the method is a set of stationary and dynamic objects, including their shape, range, and velocity. This output can be used by downstream applications, such as collision avoidance or



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66 results for Forward and Backward citations - Collection: FAMPAT

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#	Title	Publication number	1st app. date	Applicant/Assignee	
1	Map of the surroundings for driving areas with random altitude profile	EP3142913	2014-05-13	BMW - BAYE...	100 %
2	Method and system for controlling a vehicle	US20050060069	2004-04-12	AMERICAN ...	100 %
3	A vehicle mounted system and method for capturing and processing physical data	WO2005/017550	2003-12-12	UTAH STAT...	100 %
4	Simple classification scheme for vehicle/pole/pedestrian detection	US20030114964	2002-09-13	FORD GLOB...	100 %
5	Method and apparatus for ground detection and removal in vision systems	EP1639516	2004-07-02	FORD MOTOR	71 %
6	Method and system for crowd sensing to be used for automatic semantic	US20150285639	2015-03-02	UMM AL QU...	71 %

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Σ = 255 patent families | Collapse | Deselect | Suggestions

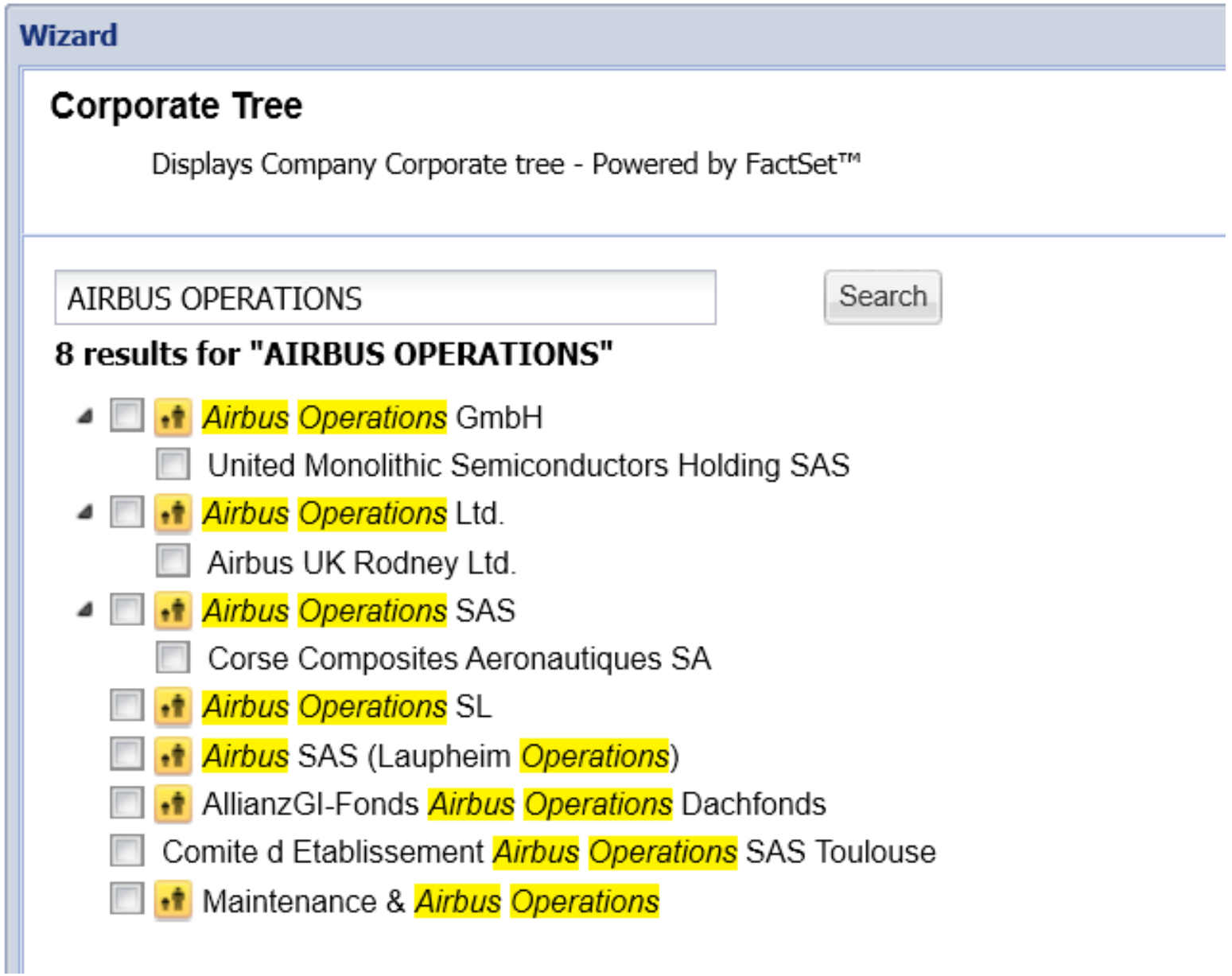
Technologies & applications

Browse selection

Title	Applicant/Assignee	Pu
A vehicle anti-collision device.	SILICON HEIGHTS*	EP
Induction type door	BAN RUIZE	CN
Car anticollision and pedestrian protect early warning system based on multisensor	NANJING AGRICUL...	CN
Method and device for warning against vehicle water wading	BAIDU ONLINE NE...	US
Automobile tire burglar alarm	NANJING CRIUS S...	CN
Improved vehicle driving assistant system	BOSCH AUTOMOTI...	CN
Train is apart from alarm system with laser **rangefinder** subassembly	SICHUAN WEITESI ...	CN
Novel on -vehicle laser **rangefinder** anticollision device	CHONGQING HUA...	CN
Rangefinder for two-wheeled vehicle and its data correction method	OMRON*	JP
System and method for detecting vision blind zone of driving	CHINA ROAD & BRI...	CN
Burglar alarm of automobile spare wheel	NANJING CRIUS S...	CN
Device for measuring water level of ballast for inclination test of ship	STX OFFSHORE & ...	KR
Car safety driving information acquiring, tele-metering and warning device	CHANG JIANG	CN
Vehicle distance measuring device and car	BEIJING AUTOMOB...	CN
Awning device unfolding method	LIYANG SCIENCE ...	CN
Apparatus for alarming and detecting risk of left and right detection of a vehicle and alarm of vehicle, capable of enabling a user to easily use the apparatus by frequently operating the apparatus using a switch	YOON, Ki Youl	KR
Apparatus and method for preventing collision ofvehicles using gps	HYUNDAI AUTONET*	KR
Ride vehicle tracking and control system using passive tracking elements	UNIVERSAL CITY S...	EP
Ultrasonic type range finder unit attached to vehicle and safety apparatus using the same	NIPPON CERAMIC*	JP
Car is with car early warning system and car	CHANG'AN UNIVE...	CN
Bulletin ware is opened to door	ZHENG XIAOXIA	CN
Electric locomotive speed measuring device	SHANDONG HUALI...	CN
Anti-theft device of driverless car	LI XIAOYANG	CN
Crashproof warning system behind dangerization article vehicle	ZHANG CHAOFENG	CN

Дерево корпораций

AIRBUS OPERATIONS



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ВСЕМИРНОЙ ОРГАНИЗАЦИИ ИНТЕЛЛЕКТУАЛЬНОЙ СОБСТВЕННОСТИ (ВОИС)

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