

Anti-steam Car Glass

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Abstract

1.

Nano technology is field of applied science and technology covering a broad wind of inquiries. Nanotechnology is to understand and implement new properties of materials and systems at the scale of the new physics effects, mainly dominated by the quantum properties of the classical properties of their shows. By applying this technology can be used as part of daily life to solve problems. One of the major problems of the glass used in critical applications such as the automotive industry in the winter is the difficulty for users to view, temperature changes on either side of the glass, causing it to become vapory, and made user visibility impossible or extremely reduce it that will cause irreversible problems , in automotive industry now it only exists in the rear glass that has solved with element removal, for other front glass it can't be done because of reducing the visibility, but in new idea for solving the evaporated glass in comparison with previous ones, the problems have been solved.

Keywords: Nano materials - Car design - Glass ceramics - Nano design - Anti-fog - Temperature

Introduction

Problem concerns one of the fundamental elements within the automotive glass industry is the automotive, so far by any type of technology that is unresolved on the glass.

The use of Nano materials in the world was introduced by Richard Feynman, the new capabilities in the industry revealed. Advanced anti-fog glass in this paper we have addressed, it is designed in such a way that does not create a problem in the view of motorists and vapor as well as cure. The glass will cause the glass to steam in winter when driving and drivers not to get hurt. Science, including both theory and practical application is Nano-technology and Nano-ceramics. It has to be reminded not to implement any type of glass for the first time our team has the technology.

History of Nanotechnology

Efficient production of Nano materials and devices and systems by controlling matter at the nanometer length scale (Billionths of a meter) and exploit the emerging Nano scale properties and phenomena developed. A nanometer is approximately 4 times the diameter of an atom. In comparison to a corpus nm with a size of about 10 nanometers, 1,000 times smaller than the diameter of a human hair. Possibility of engineering at the molecular scale first by Richard Feynman, the Nobel Prize in Physics was introduced. In her speech at the Institute of Technology California in 1959 noted the fundamentals of physics does not rule out the possibility of building things atom by atom.

He stated using a small car, small cars are far more structured and then reducing the size of the area continued. Feynman was so fabulous words help was one of the most attractive areas of nanotechnology. Because nanotechnology production capacity, new tools and systems, and in atomic and molecular scale, taking control and using the features of the built Dimensions that appear to be in the food, pharmaceutical, medical diagnostics, biotechnology, electronics, computers, telecommunications, transport, energy, environment, materials, aerospace and national security use.

Feynman's famous speech on December 29, 1959 was about The Physical Society of America A ((in the lower atmosphere there.)) On electric motors much fingernail spoke tool to predict which one can read the Bible at the head of a pin, write, who do not believe that this would be possible. Feynman said: ((when in 2000 the world will look at us with surprise, asking why until 1960 no it is not?)) width of the needle a millimeter meters, if we make it 25 thousand times larger surface area to needle all pages of encyclopedia ((Britannica)) is. Therefore only it is needed 25 thousand times the size of encyclopedia entries.

Today it is impossible to predict, if needle is made of silicon with electron beam lithography can be created with the precision of the designs.

Introduction to Glass History

The invention of glass was to create a great development in the world of architecture. There are beautiful cities in the world today with development as a major manufacturing industry. Glass by heating and cooling a mixture of sand, soda and lime is produced, which are totally non-conductive materials. History

of glass production and use of more than four thousand years back but almost two thousand years after it was discovered that the use of glass in the windows was introduced.

However, with the advancement of technology for the production of glass in buildings and cars, performance techniques have developed. Prehistoric times, man has been working in glass, and the first natural glass has been used to make small objects.

Heated rear windscreen

When the rear windshield ice or snow may accumulated or steam car on the rear cover to see the road and seeing the rear cars is impossible and creates a lot of problems while driving and sometimes will even cause an accident. So to overcome this disadvantage of glass is heated.

Glass vapor condenses on cold days is due. Out of the car more than the car is cold causing the steam inside the car is glued to the glass and then evaporates off the water. Glass heating element which is actually a flow starts to warm up in the glass.

Auto glass antifogging any of those problems that sometimes may happen; But part of the problem, one of the 10 remaining problem is the air conditioning industry. When congestion occurs, glasses steam glass temperature below the dew point of the air decreases.

Desiccation

One of the major problems of the glass used in critical applications such as the automotive industry in the winter is the difficulty for users to view, temperature changes on either side of the glass, causing it to become vapory, and made user visibility impossible or extremely reduce it that will cause irreversible problems, in automotive industry now it only exists in the rear glass that has solved with element removal, for other front glass it can't be done because of reducing the visibility, but in new idea for solving the evaporated glass in comparison with previous ones, the problems have been solved.

The advantage of this method is that; it is not an obstacle for viewing front and tit doesn't make the glass opaque, this glass is also designed so that it can be used in both front and rear glasses. Previous sample for having the heating elements that were irresolvable and environmental contamination that were damaged ecosystem, had problems but in new one, we don't have these problems, there is the possibility of recycling and there is no contamination. This glass is made by using the science of nanotechnology and electronics. For making this, we tested several Nano materials for glass, that finally with special Nano-material using electronic threads we could solve the main problem of vapory windshield.

Explain the ideas presented the stage glass to produce glass-ceramic in the dough stage, respectively, when the number of Nano-materials and added some special glass and glass in the general case is solid. The result is the production of clear glass without steam properties.

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