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Results of Search in US Patent Collection db for:

"Weather Modification": 42 patents.

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PAT. NO.	Title
1	7,206,673 T Driver assisting system
2	7,051,022 T Automated extension for generation of cross references in a knowledge base
3	6,616,858 T Prevention of ice nucleation by polyglycerol
4	6,487,545 T Methods and apparatus for classifying terminology utilizing a knowledge catalog
5	6,391,224 T Polyvinyl alcohol compounds for inhibition of ice growth
6	6,315,213 T Method of modifying weather
7	6,199,034 T Methods and apparatus for determining theme for discourse
8	6,056,203 T Method and apparatus for modifying supercooled clouds
9	6,045,089 T Solar-powered airplane
10	5,984,239 T Weather modification by artificial satellites
11	5,762,298 T Use of artificial satellites in earth orbits adaptively to modify the effect that solar radiation would otherwise have on earth's weather
12	5,628,455 T Method and apparatus for modification of supercooled fog
13	5,521,813 T System and method for the advanced prediction of weather impact on managerial planning applications
14	5,492,274 T Method of and means for weather modification
15	5,360,162 T Method and composition for precipitation of atmospheric water
16	5,295,625 T Microclimate control apparatus
17	5,223,412 T Cell-free and whole cell ice nucleators and process for their production
18	4,712,155 T Method and apparatus for creating an artificial electron cyclotron heating region

- [of plasma](#)
- 19 [4,686,605](#) **T** [Method and apparatus for altering a region in the earth's atmosphere, ionosphere, and/or magnetosphere](#)
 - 20 [4,606,078](#) **T** [Maternity coat and baby carrier](#)
 - 21 [4,601,842](#) **T** [Prevention of freezing at moderate supercooling using biogenic ice nucleation inhibitors](#)
 - 22 [4,600,147](#) **T** [Liquid propane generator for cloud seeding apparatus](#)
 - 23 [4,574,004](#) **T** [Method for charging particles suspended in gases](#)
 - 24 [4,564,159](#) **T** [Automatic balloon launching system](#)
 - 25 [4,494,714](#) **T** [Automatic balloon launching system](#)
 - 26 [4,484,409](#) **T** [Prevention of freezing at moderate supercooling using synthetic polymeric ice nucleation inhibitors](#)
 - 27 [4,470,544](#) **T** [Method of and means for weather modification](#)
 - 28 [4,464,473](#) **T** [Ice nucleating microorganisms](#)
 - 29 [4,441,363](#) **T** [Apparatus and method for measuring concentrations of supercooled liquid water](#)
 - 30 [4,394,575](#) **T** [Apparatus for measuring vapor density, gas temperature, and saturation ratio](#)
 - 31 [4,276,597](#) **T** [Method and apparatus for information storage and retrieval](#)
 - 32 [4,256,704](#) **T** [Hydrometallurgical process for the recovery of silver as silver halide or silver pseudohalide from waste photographic paper and film and other sensitized materials](#)
 - 33 [4,245,475](#) **T** [Method and apparatus for producing electricity from thermal sea power](#)
 - 34 [4,211,084](#) **T** [Conversion of energy by means of tethered whirlwinds](#)
 - 35 [4,206,396](#) **T** [Charged aerosol generator with uni-electrode source](#)
 - 36 [4,141,274](#) **T** [Weather modification automatic cartridge dispenser](#)
 - 37 [4,129,252](#) **T** [Method and apparatus for production of seeding materials](#)
 - 38 [4,096,005](#) **T** [Pyrotechnic cloud seeding composition](#)
 - 39 [4,092,383](#) **T** [Modification of ballistic properties of HMX by spray drying](#)
 - 40 [4,009,828](#) **T** [Organic nucleating agent for both warm and cold clouds](#)
 - 41 [RE29,142](#) **T** [Combustible compositions for generating aerosols, particularly suitable for cloud modification and weather control and aerosolization process](#)
 - 42 [3,933,561](#) **T** [Process for manufacturing ultrathin polymer membranes and products derived therefrom](#)
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"artificial clouds": 10 patents.

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"artificial clouds"

PAT. NO.	Title
1	5,489,211  Method of simulating the presence of clouds in a scene
2	5,177,977  Solar energy collector and reradiation apparatus for localized climate control
3	4,836,452  Efficient artificial smoke generator
4	4,506,508  Apparatus and method for condensing steam
5	4,315,404  Cooling system, for power generating plant, using split or partitioned heat exchanger
6	4,291,538  Power producing dry cooling apparatus and method
7	4,270,358  Apparatus and methods of cooling a hot fluid stream
8	4,212,168  Power producing dry-type cooling system
9	4,026,499  Glass balloons and method for making same
10	3,965,615  Method of preventing the formation of frost

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contrails: 23 patents.

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contrails

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- | PAT. NO. | Title |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 7,360,096 | T Securely processing client credentials used for Web-based access to resources |
| 2 6,976,654 | T Vertical takeoff and landing aircraft |
| 3 6,926,231 | T Vertical takeoff and landing aircraft |
| 4 6,923,292 | T ATTACHMENT FOR RECOIL, NOISE, BLAST AND FLASH SUPPRESSION OF THERMODYNAMIC JETTING DEVICES SUCH AS FIREARMS, HIGH PRESSURE EXHAUST MECHANISMS AND OTHER HEAT ENGINE DEVICES, WHICH PRODUCE SUCH JETTING EXHAUST ACTION AS A RESULT OF THEIR FUNCTION |
| 5 6,824,097 | T Vertical takeoff and landing aircraft |
| 6 6,504,570 | T Direct broadcast imaging satellite system apparatus and method for providing real-time, continuous monitoring of Earth from geostationary Earth orbit |
| 7 6,331,870 | T Direct broadcast imaging satellite system apparatus and method for providing realtime, continuous monitoring of earth from Geostationary Earth orbit |
| 8 6,271,877 | T Direct broadcast imaging satellite system apparatus and method for providing real-time, continuous monitoring of earth from geostationary earth orbit |
| 9 6,098,402 | T Infra-red stealth masking device (IRSMD) |
| 10 5,639,964 | T Thermal anemometer airstream turbulent energy detector |
| 11 5,546,183 | T Lidar droplet size monitor for in-flight measurement of aircraft engine exhaust contrails, droplets and aerosols |
| 12 5,285,256 | T Rear-looking apparatus and method for detecting contrails |
| 13 5,224,663 | T Vehicle propulsion system with external propellant supply |
| 14 5,208,600 | T Glide slope surveillance sensor |

- 15 [5,110,502](#) **T** [Method of suppressing formation of contrails and solution therefor](#)
 - 16 [5,062,365](#) **T** [Rapid burning propellant charge for automobile air bag inflators, rocket motors, and igniters therefor](#)
 - 17 [5,024,160](#) **T** [Rapid burning propellant charge for automobile air bag inflators, rocket motors, and igniters therefor](#)
 - 18 [5,005,355](#) **T** [Method of suppressing formation of contrails and solution therefor](#)
 - 19 [4,951,144](#) **T** [Recursive video blur effect](#)
 - 20 [4,798,142](#) **T** [Rapid burning propellant charge for automobile air bag inflators, rocket motors, and igniters therefor](#)
 - 21 [4,766,725](#) **T** [Method of suppressing formation of contrails and solution therefor](#)
 - 22 [4,157,632](#) **T** [Aerial toy](#)
 - 23 [4,050,651](#) **T** [Wing and reduced airspeed system for jet aircraft](#)
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