

## European Solar Energy Storage

# Japan google sunroof



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### JP6001304B2



Webasto Japan Co Ltd Priority date (The priority date is an assumption and is not a legal conclusion. Google has not performed a legal analysis and makes no representation as to the accuracy of the date listed.) 2012-04-10 Filing date 2012-04-10 Publication date 2016-10-05 2012-04-10 Application filed by Webasto Japan Co Ltd filed Critical

### JPH051538U

Japan Prior art keywords sunroof panel hinge member sunroof panel female Prior art date 1991-06-25 Legal status (The legal status is an assumption and is not a legal conclusion. Google has not performed a legal analysis and makes no representation as to the accuracy of the status listed.) Withdrawn Application number JP4818491U Other languages



### JP2014234060A

PROBLEM TO BE SOLVED: To provide a sunroof device capable of reducing groove width of a drain ditch disposed on a guide rail.SOLUTION: One or plural inside guide walls (51) for guiding water to a drain ditch (43) and suspended to the drain ditch (43) and extending in a slide direction of a movable roof panel (5) are provided on a side end edge along a guide rail (13) on a fixed ...

### JP4151750B2





Project Sunroof

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Technology: Project Sunroof

Project Sunroof puts Google's expansive data in mapping and computing resources to use for people and organizations interested in solar power, helping illustrate the potential of solar ...



Google Solar API

Google Solar API  
 Google Maps Platform Environment API  
 Solar API  
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[JP2018150026A](#)

Japan Prior art keywords panel weather strip opening sunroof device peripheral edge Prior art date 2017-03-13 Legal status (The legal status is an assumption and is not a legal conclusion. Google has not performed a legal analysis and makes no representation as to the accuracy of the status listed.) Granted Application number JP2017183577A

**JP4443593B2**

Japan Prior art keywords panel rear panel slider roof groove Prior art date 2007-08-10 Legal status (The legal status is an assumption and is not a legal conclusion. Google has not performed a legal analysis and makes no representation as to the accuracy of the status listed.) Expired - Fee Related Application number JP2007209928A Other languages



**JP5631945B2**

Japan Prior art keywords roof panel edge roof panel rail Prior art date 2012-08-22 Legal status (The legal status is an assumption and is not a legal conclusion. Google has not performed a legal analysis and makes no representation as to the accuracy of the status listed.) Active Application number JP2012183040A Other languages Japanese (ja)

**JP4279325B2**

JP4279325B2 JP2007087344A JP2007087344A  
JP4279325B2 JP 4279325 B2 JP4279325 B2 JP  
4279325B2 JP 2007087344 A JP2007087344 A JP  
2007087344A JP 2007087344 A JP2007087344 A  
JP 2007087344A JP 4279325 B2 JP4279325 B2 JP

4279325B2 Authority JP Japan Prior art keywords drainage groove frame section hollow closed closed cross Prior art ...



[JP2014046836A](#)

PROBLEM TO BE SOLVED: To provide a sunroof device intended to improve operability when fully opening or fully closing a panel and a shade.SOLUTION: Each operation switch for a panel and a shade can be operated to each of an open side allowing an operation object to perform an opening operation and a close side allowing the operation object to perform a closing ...

[Nicky Youre, dazy](#)

[Intro]La da la da da, la da daLa da la da di da da, la da da da daLa da la da da, la da daLa da la da di da[Chorus]I got my head out the sunroof??????????????



**JP3840462B2**

Japan Prior art keywords light light emitting glass sunroof sunroof panel sheet Prior art date 2003-05-29 Legal status (The legal status is an assumption and is not a legal conclusion. Google has not performed a legal analysis and makes no representation as to the accuracy of the status listed.) Expired - Fee Related Application number



[JP2018079853A](#)

PROBLEM TO BE SOLVED: To provide a sunroof device that can suppress external water from intruding into the device.SOLUTION: The sunroof device comprises: an annular seal member 30 joined to a frame part 25 of a sunroof unit 20 and installed in a vehicle height direction between a peripheral edge part 11b of an opening 11 and the frame, over the whole circumference of the

...



**JP2675301B2**

Japan Prior art keywords sunroof frame sunroof frame opening roof Prior art date 1987-03-13 Legal status (The legal status is an assumption and is not a legal conclusion. Google has not performed a legal analysis and makes no representation as to the accuracy of the status listed.) Expired - Fee Related Application number JP62058081A Other



**JP6669904B2**

JP6669904B2 - Sunroof equipment - Google Patents Sunroof equipment Download PDF Info Japan Prior art keywords vehicle pair functional member width direction rail members Prior art date 2018-07-09 Legal status (The legal status is an assumption and is not a legal conclusion.

Google has not performed a legal analysis and makes no



JP2014040167A

PROBLEM TO BE SOLVED: To provide a sunroof device capable of achieving simplification and miniaturization of a structure around a drain groove.SOLUTION: A sunroof device makes a roof opening 3 closed by making a front edge of a movable roof panel 4 continue into an upper edge of a front window 5 without sandwiching an outer plate of a roof.

Google????????????????????????????????

?Google(????)????????????????????????????????  
????????????????????????????????(Project Sunroof)?? ...



**JP4341289B2**

Japan Prior art keywords sunroof bracket vehicle body vehicle opening Prior art date 2003-04-22 Legal status (The legal status is an assumption and is not a legal conclusion. Google has not performed a legal analysis and makes no representation as to the accuracy of the status listed.) Active Application number JP2003117007A Other languages



**JPH0735137U**

Japan Prior art keywords slide panel stay rear end push link Prior art date 1993-12-27 Legal status (The legal status is an assumption and is not a legal conclusion. Google has not performed a legal analysis and makes no representation as to the accuracy of the status listed.) Granted Application number JP7420293U Other languages Japanese (ja)



**JP3756752B2**

JP3756752B2 - Sunroof device - Google Patents Sunroof device Download PDF Info Publication number Japan Prior art keywords lid opening fully closed closed position slider Prior art date 2000-11-24 Legal status (The legal status is an assumption and is not a legal conclusion. Google has not performed a legal analysis and makes no

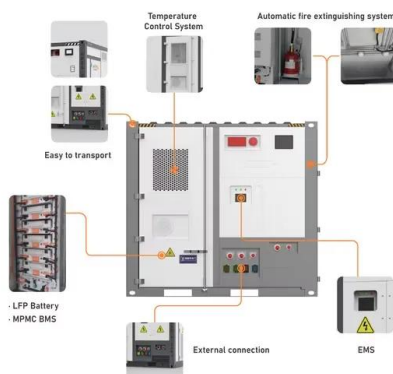
**?????Project  
 Sunroof?????????????--?? ...**

UPDATE??  
 ?????????????????????Project Sunroof??



## JP6372184B2

Japan Prior art keywords rotating body pinion cable sunshade roof Prior art date 2014-06-18 Legal status (The legal status is an assumption and is not a legal conclusion. Google has not performed a legal analysis and makes no representation as to the accuracy of the status listed.) Expired - Fee Related Application number JP2014125319A Other



## JP3975043B2

Japan Prior art keywords sunroof corner corner member corner structure rail Prior art date 1999-12-27 Legal status (The legal status is an assumption and is not a legal conclusion. Google has not performed a legal analysis and makes no representation as to the accuracy of the status listed.) Expired - Fee Related Application number JP37188099A



## JP2016011038A

**PROBLEM TO BE SOLVED:** To provide a sunroof device capable of assuring sealing performance with no increase in the number of components. **SOLUTION:** There are provided a border part weather strip 22 installed at a rear edge part of a front side opening formed at a roof of a vehicle, and a movable panel 12 which

is made from resin material capable of closing the ...



## JP7473018B2

Japan Prior art keywords sunroof roof vehicle connecting member section Prior art date 2021-02-01 Legal status (The legal status is an assumption and is not a legal conclusion. Google has not performed a legal analysis and makes no representation as to the accuracy of the status listed.) Active Application number JP2022577995A Other languages



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