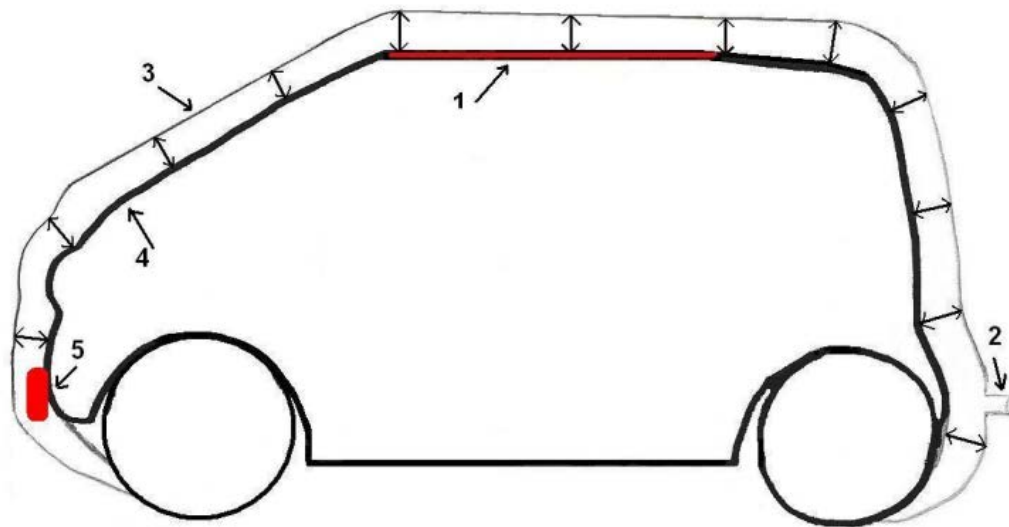


Car cover for hail protection applications^{*}

Abstract

Protective car cover which consists of a double fabric, the parts of which are not glued together; each one serves different purposes. The exterior part provides protection against hail (3), while the interior part (4) protects the surface of the car. A sensor grid (1) is also included in the cover and is connected to a cylinder that has a suitable valve actuator (5), containing an inert gas (Argon or Nitrogen) and an outlet valve (2). The sensor grid (1) is appropriately placed so that with the first hailstone, the gas cylinder is automatically triggered (5) to empty its content in the interior part of the cover. It is possible to reuse the cap after filling the cylinder with new gas.



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