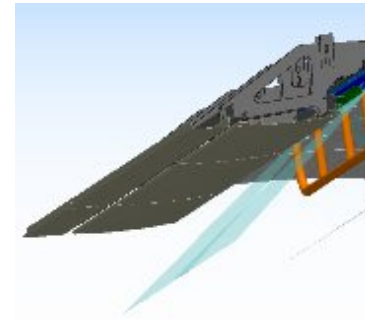




European Patent N.EP10425106

A new kind of nebulizer has been developed which, unlike the “dry sprinklers” normally implemented, is quite integrated with the interior lining of the environment.



There are four important advantages:

1. No more unaesthetic sprinklers but a plenty of aluminium alloys extruded possible shapes properly treated on their surfaces.
2. This system produces an uniform and continuous atomized water film instead of a concentrated one with different density of nebulization.
3. The innovative piping system is characterized by fast-connections with o-ring sealing and is capable to be modulated in many different layouts to fit the various application zones.
4. The piping system is not an addition to the structural weights of the vehicle but is itself a structural element: this allows an important weight reduction.

This is an example of railway application with a double side film nebulizer roof-assembled with minimum vertical space occupation. The visible between the profiles through which the nebulized flow gets out is no more than 1,5mm wide.

The almost infinite range of possible shapes with which the extruded profiles can be produced

allows to fit any request for the integration in the interior lining of the vehicle.

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Companies involved:

- [Argos Engineering](#)