

Title (en)
PNEUMATIC SUPPORT

Title (de)
PNEUMATISCHER TRÄGER

Title (fr)
ÉLÉMENT PORTEUR PNEUMATIQUE

Publication
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Application
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Abstract (en)
[origin: WO2015176192A1] The pneumatic support according to the invention has pneumatic bodies 61 to 63 which can be placed under pressure and which operationally keep a compression member 51 and a tension member 52 at a distance apart, resulting in a pneumatic support with high loadability but also, disadvantageously, with high operating deformation. The connection elements 57, 58 extending in a zigzag shape between the compression member 51 and the tension member 52 over the length of the support 50 are preferably diagonal struts formed as flexible tension members and reinforce the support 50 with respect to the pneumatic supports of the prior art in such a way that the deformation of said support in the case of an asymmetrical load, as is the case with a bridge over which vehicles travel, is for example still 10%.

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