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(72) Inventors:  
 • **Bergmann, Anton**  
 83209 Prien (DE)  
 • **Sedlmeier, Marinus**  
 83734 Hausham (DE)

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(74) Representative: **GPI & Associés**  
**EuroParc de Pichaury**  
**Bâtiment B2 - 1er Etage**  
**1330, rue Guillibert de la Lauzière**  
**13856 Aix-en-Provence Cedex 3 (FR)**

(71) Applicant: **AIRBUS HELICOPTERS**  
**DEUTSCHLAND GmbH**  
**86609 Donauwörth (DE)**

(54) **Supporting strut for supporting an intermediate deck that is arranged in an aircraft fuselage, and method for producing a rod body for such a supporting strut**

(57) The invention relates to a supporting strut for supporting an intermediate deck (2) that is arranged in an aircraft fuselage (1), comprising a hollow cylindrical rod body (3) that comprises a fibre reinforced material, with the two ends of said rod body (3) being designed as attachment sections for detachable attachment to the aircraft fuselage (1) or to the intermediate deck (2), wherein the rod body (3) comprises at least one first reinforcement

layer (10a) made from a carbon fibre fabric with an identical number of warp- and weft threads in 45° alignment or 90° alignment, as well as at least one second reinforcement layer (10b, 10c) made from a carbon fibre fabric comprising a higher number of warp threads than weft threads in 0° alignment, as well as a final layer comprising glass fibre, which together with artificial resin form a compact fibre reinforced material.

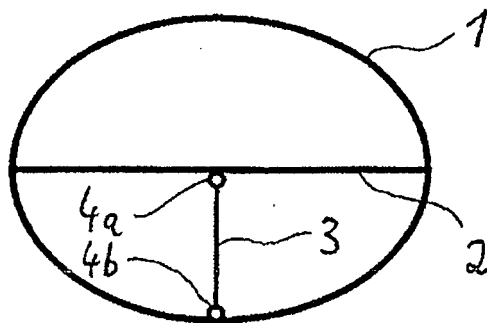


Fig.1

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EUROPEAN SEARCH REPORT

Application Number  
EP 09 00 5991

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			F16C B64C B29C B32B
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Place of search		Date of completion of the search	Examiner
The Hague		18 March 2016	Gasner, Benoit
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