

Title (en)  
ROTARY WING IN THE FIELD OF AIRCRAFT

Title (de)  
DREHFLÜGEL IM FLUGZEUGBEREICH

Title (fr)  
VOILURE TOURNANTE DANS LE DOMAINE DES AERONEFS

Publication  
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Application  
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Abstract (en)  
[origin: WO2020207955A1] The present invention relates to a rotary wing in the field of aircraft, comprising a central part (1) formed by an aerodynamic shape that revolves in relation to an axis (XX'), blades (3) arranged on the periphery of the central part (1) and extending radially in relation to the axis (XX') and a shaft (2) that is coaxial to the axis (XX') and provides the rotational movement of the assembly formed by the central part (1) and the blades (3). The central part (1) of the rotary wing has a lenticular shape with a curvature of the upper part (10) that is greater than that of the lower part (11) in order to form, respectively, a suction surface and a pressure surface, the central part (1) forming a bearing aerodynamic volume.

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