

Title (en)

PROPELLER COMPRISING A PLATE JOINING ITS HUB AND EACH OF ITS BLADES

Title (de)

SCHRAUBE, MIT JE EINEM BLECH ZUR VERBINDUNG DER NABE MIT JEDEM IHRER BLÄTTER

Title (fr)

HELICE COMPORTANT UNE PLAQUE DE LIAISON ENTRE SON MOYEU ET CHACUNE DE SES PALES

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Application

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Abstract (en)

[origin: WO2013004736A1] The present invention relates to a propeller (1) which comprises a hub (2) and a set of blades (4), characterized in that:
- said hub (2) has a thickness substantially equal to that of the blades (4); - each blade (4) is connected to the hub (2) by an intermediate plate (3) which comprises a first edge (30) for connection to the hub (2) and a second edge (32) for connection to the associated blade (4), this second edge (32) having a length close or equal to that of the base (40) of the blade; - each of the plates (3) firstly forming, with one (23) of the two major faces (22, 23) of the hub (2), referred to as the "front face", the same first angle V of between 60 and 120° and, on the other hand, with each blade (4), the same second angle W of between 60 and 120°.

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