

Title (en)
CONNECTING ELEMENT FOR CONNECTING A BLADE TO THE HUB IN AN INDUSTRIAL AXIAL FAN, AND BLADE SYSTEM COMPRISING SAID CONNECTING ELEMENT

Title (de)
VERBINDUNGSELEMENT ZUM VERBINDEN EINER SCHAUFEL AN DER NABE BEI EINEM INDUSTRIELLEN AXIALLÜFTER UND SCHAUFELSYSTEM MIT DIESEM VERBINDUNGSELEMENT

Title (fr)
ÉLÉMENT DE RACCORDEMENT DESTINÉ AU RACCORDEMENT D'UNE PALE AU MOYEU D'UN VENTILATEUR AXIAL INDUSTRIEL, ET SYSTÈME DE PALE COMPRENANT CET ÉLÉMENT DE RACCORDEMENT

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Abstract (en)
[origin: WO2017063712A1] The present invention concerns a connecting element for connecting a blade, or airfoil profile, to the hub of an industrial axial fan, a blade system comprising said connecting element, and an industrial axial fan comprising such blade system. The connecting element (1) for connecting a blade (10) to the hub (20) of an industrial axial fan according to the present invention, is realized in a single L- shaped piece comprising a first part (1a) having a substantially straight develop and a second part (1b) having a substantially straight develop, said first (1a) and second (1b) part being connected by a linking part (1c) presenting a curvature radius, said first (1a) and second (1b) parts lying on substantially perpendicular planes. The connecting element according to the present invention allows to achieve several advantages with respect to the prior art, one of said advantages consisting of its extremely simple shape and manufacturing process, which render the connecting element economically advantageous.

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