

Title (en)
DUCTED PROPELLER AND ROTARY WING DEVICE

Title (de)
MANTELPROPELLER UND DREHFLÜGELGERÄT

Title (fr)
HÉLICE CARÉNÉE ET GIRAVION

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Application
EP 17711602 A 20170313

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Abstract (en)
[origin: WO2017153610A1] The invention relates to a ducted propeller (100) comprising a housing (102) with an inlet opening (104) and an outlet opening (106), at least one propeller (108) which is mounted in the housing (102) in a rotatable manner about a rotational axis (R), and a drive for the propeller (108). The drive is designed to rotate the propeller (108) about the rotational axis (R) such that an air flow is generated through the housing (102) from the inlet opening (104) to the outlet opening (106) by means of the propeller (108). According to the invention, the ducted propeller (100) further has control means (116, 118) for changing the free cross-sectional surface area of the outlet opening (106).

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