

Title (en)

GUIDING SYSTEM FOR AIRCRAFT NACELLE MAINTENANCE

Title (de)

FÜHRUNGSSYSTEM ZUR WARTUNG EINER FLUGZEUGTRIEBSWERKSGONDEL

Title (fr)

SYSTÈME DE GUIDAGE POUR LA MAINTENANCE D'UNE NACELLE D'AÉRONEF

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Application

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Abstract (en)

[origin: WO2009109713A2] The invention relates to a nacelle (100) for the turbojet of an aircraft that comprises a downstream structure including: an outer structure (106), a concentric inner structure (109) surrounding a downstream portion (111) of the turbojet and including an upstream section having a relatively small diameter (113) and a downstream section having a relatively large diameter (114), wherein said inner structure (109) defines together with the outer structure (106) an annular flow channel (108); and a guiding system (140) for connecting the inner structure (109) and the downstream portion (111) of the turbojet engine or a portion of a suspension mast; characterised in that the guiding system (140) includes a means for combining a translation and rotation movement of at least a portion of said inner structure (109) between a working position, in which the inner structure (109) is used as a cowl for the turbojet downstream portion (111), and a maintenance position in which the inner structure (109) exposes said turbojet downstream portion (111), thus enabling the movement of said portion if the inner structure (109) along the profile of the upstream section having a relatively small diameter (113), and then of the downstream section having a relatively large diameter (114).

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