

Title (en)

FASTENER WITH LUBRICATING RING FOR INTERFERENCE FITTING, AND ASSEMBLY METHOD USING SUCH A FASTENER

Title (de)

BEFESTIGUNGSELEMENT MIT SCHMIERRING FÜR PRESSPASSUNG UND MONTAGEVERFAHREN MIT VERWENDUNG SOLCH EINES BEFESTIGUNGSELEMENTS

Title (fr)

DISPOSITIF DE FIXATION À ANNEAU LUBRIFIANT POUR AJUSTEMENT SERRÉ, ET PROCÉDÉ D'ASSEMBLAGE UTILISANT UN TEL DISPOSITIF DE FIXATION

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Application

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Priority

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Abstract (en)

[origin: WO2018029381A1] The invention relates to a fastener (10) for assembling at least two structural elements, comprising a drilling, the fastener comprising an enlarged head (12) and a shank (14) exhibiting, prior to fitting, an outside diameter (Di) greater than an inside diameter (Ds) of the drilling, and a blocking portion comprising a screw thread or annular grooves. The fastener further comprises a lubricating sacrificial ring (20; 30) on the exterior surface of the fastener, extending at least between a distal end of the shank and a proximal end of the blocking portion, said ring having, before the fastener is fitted into the structure, an outside diameter greater than a diameter of the drilling. The invention applies to the assembly of aircraft structures.

IPC 8 full level

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