

Title (en)

METHOD FOR PRODUCING A THERMALLY STABLE EMPENNAGE, AND CORRESPONDING EMPENNAGE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES THERMISCH STABILEN LEITWERKS SOWIE ENTSPRECHENDES LEITWERK

Title (fr)

PROCÉDÉ POUR PRODUIRE UN EMPENNAGE THERMIQUEMENT STABLE, ET EMPENNAGE CORRESPONDANT

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Abstract (en)

[origin: WO2022028798A1] The invention relates to a method for producing a thermally stable empennage, which is used for stabilising the flight of missiles. A circular blank (3) is furnished with a tapered portion (6) and a cone (1) is furnished with a cavity (2) and a tapered portion (5). As a result, the circular blank (3) can be introduced into the cavity (2). According to the invention, the circular blank (3) is then connected to the cone (1), and the empennage is formed from the assembly of the blank (3) and the cone (1). An empennage created in this way can, for example, be used on a munition in the form of a missile. The empennage then consists of a fin core (11) and a fin edge (10).

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