

Title (en)
SUB BOUNDARY LAYER VORTEX GENERATORS

Title (de)
UNTERGRENZSCHICHT-WIRBELERZEUGER

Title (fr)
GENERATEUR DE TOURBILLONS DE SOUS-COUCHE LIMITE

Publication
EP 0734342 A1 19961002 (EN)

Application
EP 94930258 A 19941018

Priority
• GB 9402278 W 19941018
• GB 9321445 A 19931018

Abstract (en)
[origin: WO9511160A1] An aircraft wing possesses at least one vortex generator for controlling boundary layer separation, each vortex generator, which may be in the form of thin wires, being located entirely within the boundary layer such that the wing generates at least one dominant lee-side vortex. The vortex generators are preferably located on the leading edge of the wing, for example in a position upstream of where boundary layer separation would occur. The application describes vortex generators which are at an angle in the range of 12 DEG to 15 DEG to the leading edge of the wing.

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IPC 8 full level
B64C 21/10 (2006.01); **B64C 23/06** (2006.01)

CPC (source: EP)
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See references of WO 9511160A1

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