

Title (en)
COMPOSITE LEADING EDGE FOR AIRCRAFT.

Title (de)
ZUSAMMENGESETZTE ANSTIEGSFLANKE FÜR FLUGZEUG.

Title (fr)
BORD D'ATTAQUE COMPOSITE POUR AVION.

Publication
EP 0036875 A1 19811007 (EN)

Application
EP 80901913 A 19810421

Priority
US 8159779 A 19791003

Abstract (en)
[origin: WO8100993A1] A mold-formed, replaceable nonmetallic aircraft leading edge portion (14) comprises an inner, rigid member (24) and an outer, flexible, elastomeric member (20). The outer member may be a deicer or erosion shoe while the inner member may be of suitable plastic. The mold-formed, replaceable nonmetallic leading edge portion (14) forming the leading edge of the wings or the aircraft nose section ensure that these critically contoured aircraft components remain aerodynamically suitable even though they carry elastomeric deicer or erosion shoes.

Abstract (fr)
Un bord d'attaque d'avion, moule, non metallique, interchangeable (14) comprend un organe rigide interne (24) et un organe elastomere externe flexible (20). L'organe externe peut etre un degivreur ou une semelle d'erosion tandis que l'organe interne peut se composer d'un materiau plastique approprie. Le bord d'attaque non metallique, moule, interchangeable (14) formant le bord d'attaque des ailes ou du nez d'un avion assure que ces composants d'avion dont le contour aerodynamique est critique restent dans un etat d'aerodynamisme approprie meme s'ils portent des elastomeres de degivrage ou des erosions.

IPC 1-7
B64D 15/18; **H01Q 1/42**

IPC 8 full level
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