

Title (en)

METHOD FOR PREPARING SURFACES OF CARBON FIBER-REINFORCED PLASTICS FOR FURTHER PROCESSING INTO SUPPORTING STRUCTURAL PARTS

Title (de)

VERFAHREN ZUR VORBEREITUNG VON OBERFLÄCHEN KOHLENSTOFFFASERVERSTÄRKTER KUNSTSTOFFE FÜR DIE WEITERVERARBEITUNG ZU TRAGENDEN STRUKTURTEILEN

Title (fr)

PROCEDE DE PREPARATION DE SURFACES DE MATIERES PLASTIQUES RENFORCEES PAR DES FIBRES DE CARBONE PERMETTANT D'OBTENIR DES PIECES STRUCTURELLES PORTANTES

Publication

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Application

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Abstract (en)

[origin: US2005130565A1] The invention relates to a method for preparing surfaces of carbon fiber-reinforced plastics for further processing into supporting structural parts of aircraft by abrasive removal of the surface. In order to reduce the risk of cutting fibers during grinding while allowing greater strength of the bond so as to decrease the amount of fashioning to be done, the sand-blasting process is carried out by means of an abrasive that is distributed in dried air. A sharp-edged corundum grain which preferably has a grain size ranging between 0 and 90 µm is used as an abrasive.

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