

Title (en)
METHOD AND APPARATUS FOR CHAMFERING OF LAMINATE LAYERS

Title (de)
VERFAHREN UND VORRICHTUNG ZUR ABKANTUNG VON LAMINATSCHICHTEN

Title (fr)
PROCÉDÉ ET APPAREIL DE CHANFREINAGE DE COUCHES STRATIFIÉES

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EP 2598316 A1 20130605 (EN)

Application
EP 11738597 A 20110719

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Abstract (en)
[origin: GB2482344A] An apparatus, and method thereof, for tapering an edge of a fibrous reinforcement sheet 14 for a composite structure comprises a support 20 for the sheet and a cutting tool 18 capable of relative translational movement with respect to the sheet; the cutting tool being acutely angled with respect to the sheet to develop an inclined cutting plane 32. Preferably, the sheet is held 24, 34 under tension against the support and the cutting plane is substantially tangential to the supporting surface. The cutting plane may intersect the inner side of the sheet in a clearance zone adjacent the supporting sheet where there is a gap between the inner side of the sheet and the support. The gap may be provided by holding the sheet away from the support, or by a recess in the support. Cooling means 56 may be applied to the sheet through the clearance zone or the support. Preferably, the support is a convex-curved surface and the cutting tool may be an ultrasonic knife.

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FR 2399903 A1 19790309 - CONTINENTAL GUMMI WERKE AG [DE]

Cited by
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