

Title (en)

DEVICE FOR WELDING AND CUTTING SINGLE-PLY OR MULTI-PLY MATERIALS USING ULTRASOUND ENERGY

Title (de)

VORRICHTUNG ZUM SCHWEISSEN UND SCHNEIDEN VON EIN- ODER MEHRLAGIGEN MATERIALIEN UNTER ANWENDUNG VON ULTRASCHALLENERGIE

Title (fr)

DISPOSITIF DE SOUDAGE ET DE COUPE DE MATÉRIAUX MONOCOUCHEES OU MULTICOUCHEES À L'AIDE DE L'ÉNERGIE ULTRASONORE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2010017883A2] The invention relates to a device for welding and cutting single-ply or multi-ply materials using ultrasound energy, said device having a welding wheel (6) and a cutting wheel (5) which are held by a common carrier and can be moved together thereby, wherein a dedicated additional mechanism for changing the size of the welding gap or, respectively, of the cutting gap is respectively assigned to the welding wheel (6) and to the cutting wheel (5), and both mechanisms can be operated independently of each other such that the movement of the welding wheel (6) relative to the sonotrode (4) makes it possible to set the size of the welding gap and the movement of the cutting wheel (5) relative to the sonotrode (4) makes it possible to set the size of the cutting gap.

IPC 8 full level

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Citation (search report)

See references of WO 2010017883A2

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