

Title (en)
ULTRASONIC WELDING DEVICE AS WELL AS A PACKAGING MACHINE WITH AN ULTRASONIC WELDING DEVICE

Title (de)
ULTRASCHALLSCHWEIßVORRICHTUNG SOWIE VERPACKUNGSMASCHINE MIT ULTRASCHALLSCHWEIßVORRICHTUNG

Title (fr)
DISPOSITIF DE SOUDAGE PAR ULTRASON ET MACHINE DE CONDITIONNEMENT COMPRENANT UN DISPOSITIF DE SOUDAGE PAR ULTRASON

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Application
EP 07820044 A 20070906

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Abstract (en)
[origin: WO2008043615A1] The invention relates to an ultrasonic welding device for welding foil-like materials, comprising an ultrasound sonotrode (3), an anvil (2), an adjusting unit (4) for adjusting a relative position between the ultrasound sonotrode (3) and the anvil (2), and a regulating unit (8) which regulates, via the adjustment unit, a width (X) of a working gap (16) between the ultrasound sonotrode (3) and the anvil (2). The anvil (2) is mounted to be movable with respect to the ultrasound sonotrode (3) on a mounting, and the adjusting unit (4) has a first wedge element (6) connected to the anvil (2), a second wedge element (7), and an actuator (5), wherein the actuator (5) is connected to the second wedge element (7), and the second wedge element (7) moves relative to the first wedge element (6) to execute a position change of the anvil (2) relative to the ultrasound sonotrode (3).

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Citation (search report)
See references of WO 2008043615A1

Cited by
CN109715372A; US11491733B2

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