

Title (en)  
AN ULTRASONIC WELDING DEVICE

Title (de)  
ULTRASCHALLSCHWEISSVORRICHTUNG

Title (fr)  
DISPOSITIF DE SOUDAGE PAR ULTRASONS

Publication  
**EP 1758728 A1 20070307 (EN)**

Application  
**EP 05740423 A 20050517**

Priority  
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• IT BO20040311 A 20040518

Abstract (en)  
[origin: WO2005113218A1] An ultrasonic welding device (1) comprises a housing (2) fastened rigidly to an automatic machine, an ultrasonic welder (4) mounted to the housing (2), and a set of coil springs (5) installed between the housing (2) and the ultrasonic welder (4), by which the position of a welding tip (11) is adjusted automatically in relation to the surface being welded, so that the tip (11) can be maintained firmly in contact with the surface throughout the welding operation.

IPC 8 full level  
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